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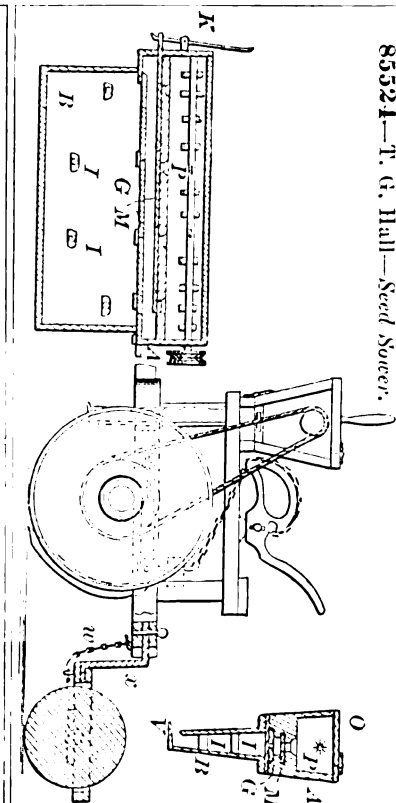
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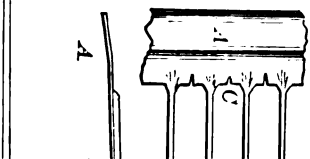
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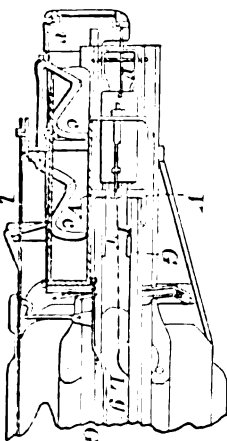
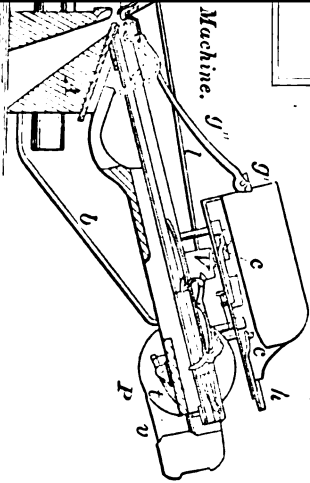
85524—T. G. Hall—Seed Sower.



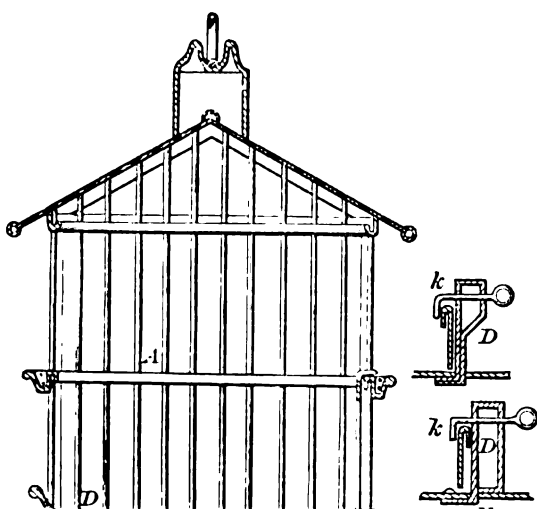
85525—A. H. Ruling P.



Machine, U''



85523—G. Gunther—Bird Cage.



# Annual report of the Commissioner of Patents

United States. Patent Office







,

11<sup>th</sup> CONGRESS, }  
2<sup>d</sup> Session. }

HOUSE OF REPRESENTATIVES.

{ Ex. Doc.  
No. 102.

ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS

FOR

THE YEAR 1869.

VOLUME III.

WASHINGTON:  
GOVERNMENT PRINTING OFFICE  
1871.



IN THE SENATE OF THE UNITED STATES,  
April 10, 1869.

*Resolved by the Senate, (the House of Representatives concurring,) That there be printed 4,000 extra copies of the annual report of the Commissioner of Patents for 1869 for the use of the Senate; 10,000 extra copies of the same for the use of the House; and 5,000 extra copies of the same for distribution by the Commissioner of Patents.*

Attest:

GEO. C. GORHAM,  
*Secretary,*  
By W. J. McDONALD,  
*Chief Clerk.*

IN THE HOUSE OF REPRESENTATIVES U. S.,  
February 21, 1870.

*Resolved, That the House concur in the foregoing resolution of the Senate to print 4,000 extra copies of the annual report of the Commissioner of Patents for 1869 for the use of the Senate; and 10,000 extra copies of the same for the use of the House; and 5,000 extra copies of the same for distribution by the Commissioner of Patents.*

Attest:

EDWARD McPHERSON,  
*Clerk,*  
By CLINTON LLOYD,  
*Chief Clerk.*

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# ILLUSTRATIONS OF PATENTS.

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Fig. 2

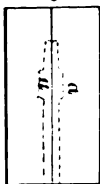
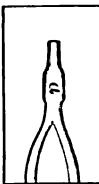
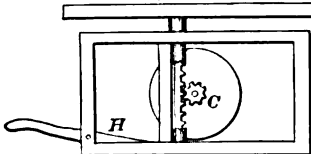


Fig. 1

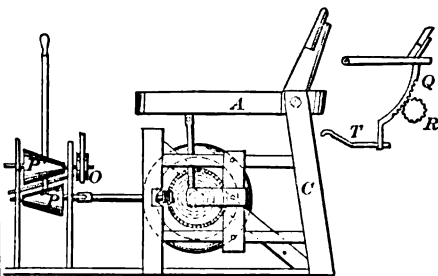


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Die.

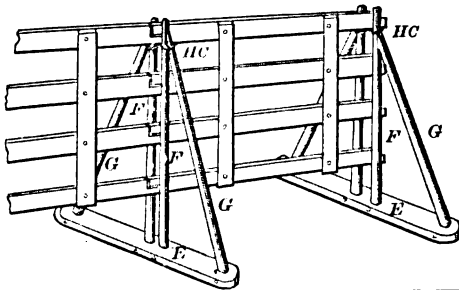
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Power for Sewing Machines. A



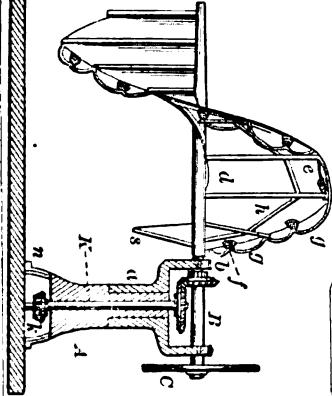
85504—S. J. Baird—Motive Power for Sewing  
Machines.



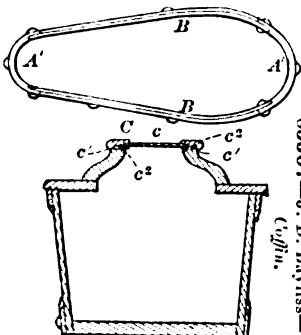
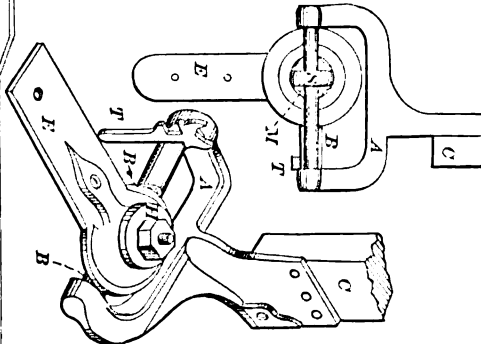
85506—A. T. Barnes—Fence.



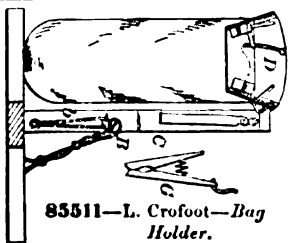
85508—J. Bench—Wind Wheel.



85509—N. & J. Carr—Cultivator.



85507—J. D. Bayliss—  
Cup.



85511—L. Crofoot—Bag  
Holder.

85512—A. E. Croshy—Rug Cutting Machine.

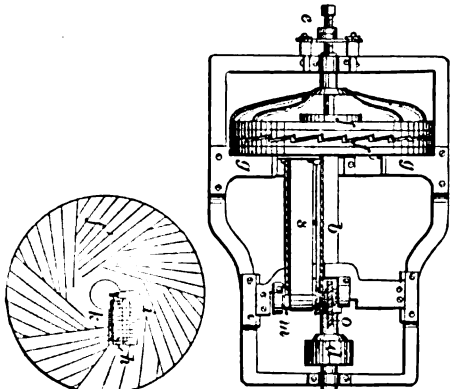






Fig. 2

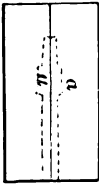
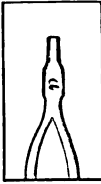
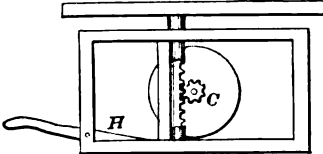


Fig. 1

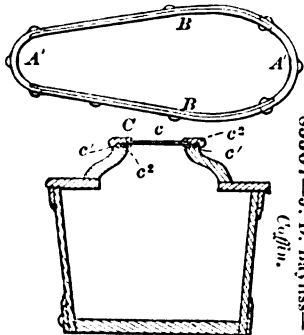
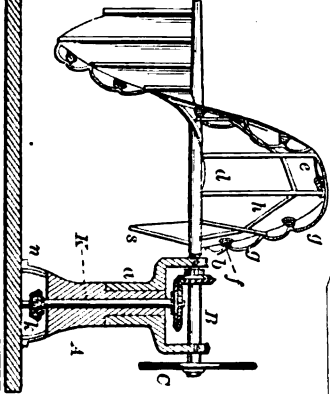


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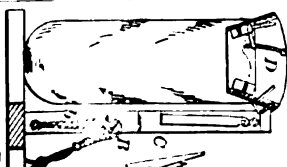
85505—S. J. Baird—Motive  
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85508—J. Bench—Wind Wheel.

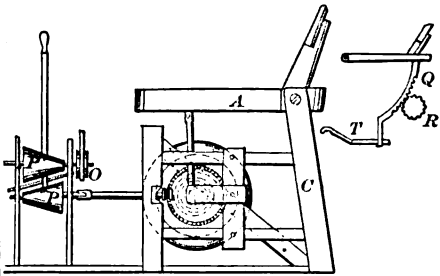


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Coffin.

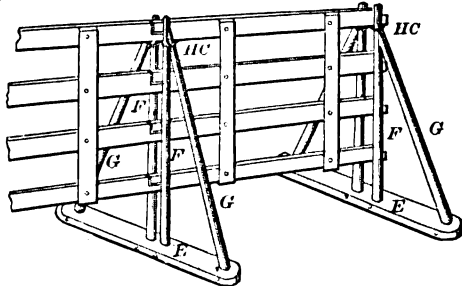


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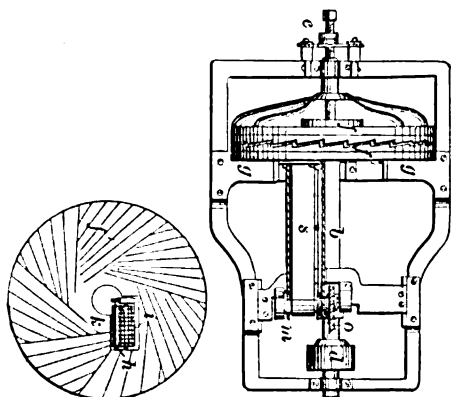
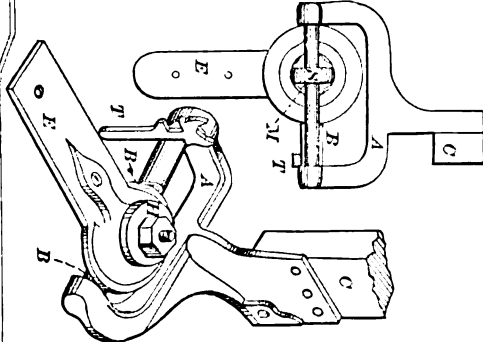
85504—S. J. Baird—Motive Power for Sewing  
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85506—A. T. Barnes—Fence.

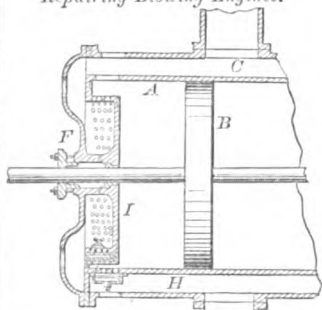


85509—N. & J. Carr—Cultivator.

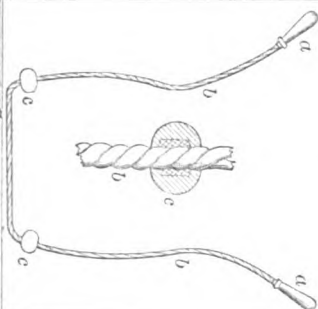
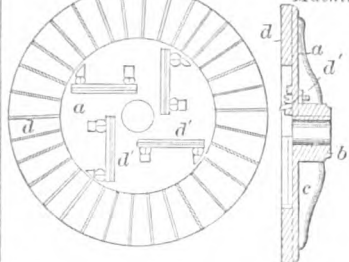


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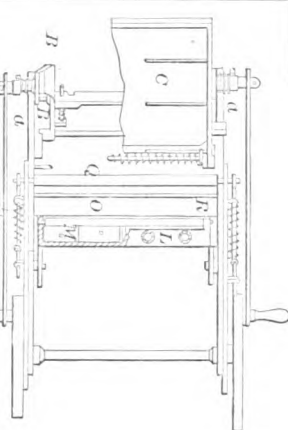
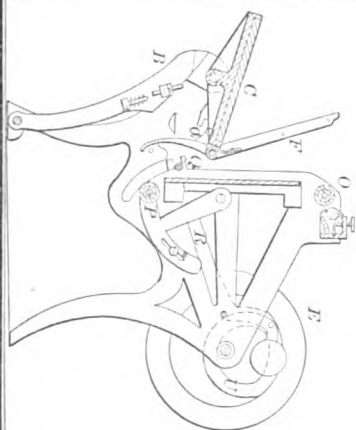
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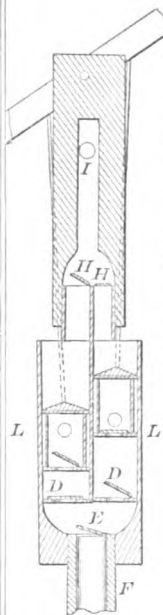


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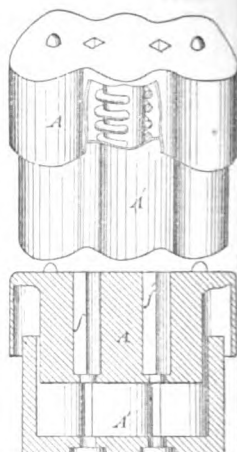


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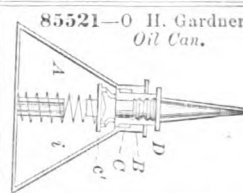
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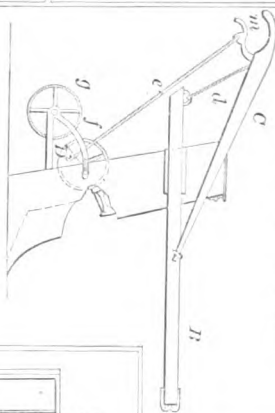
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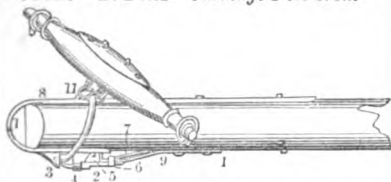
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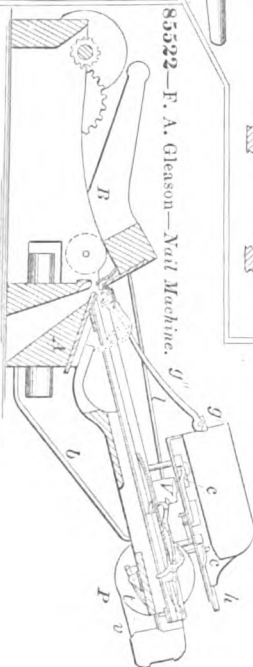
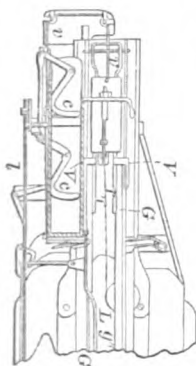
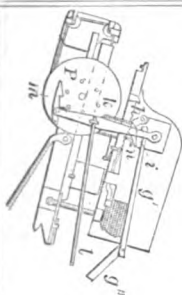
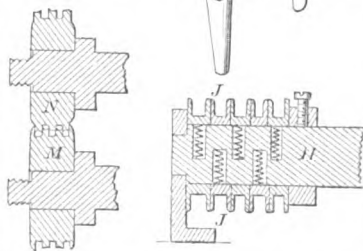
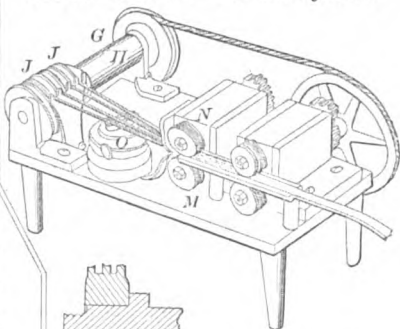
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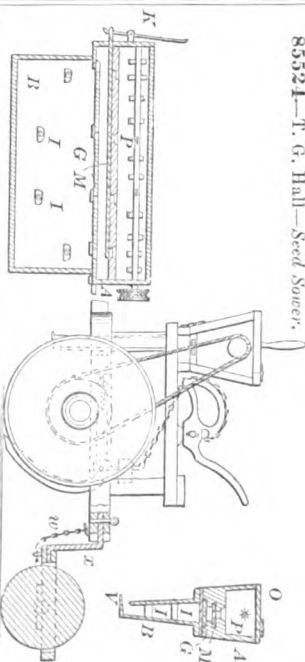


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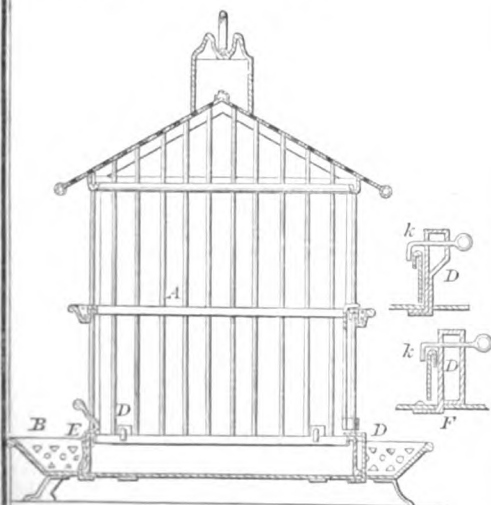


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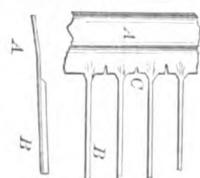
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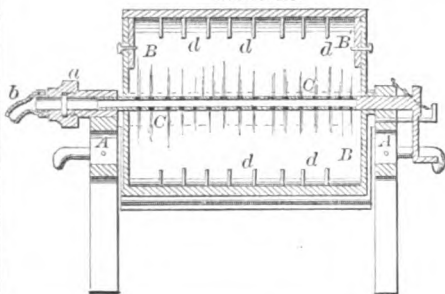
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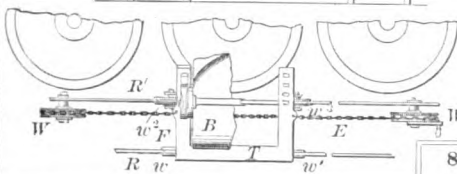
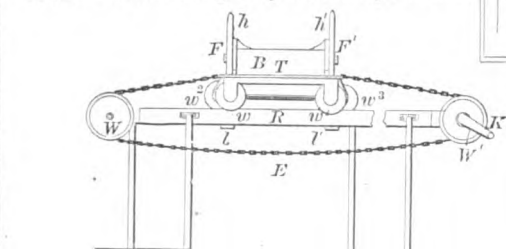
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Ruling Pen.



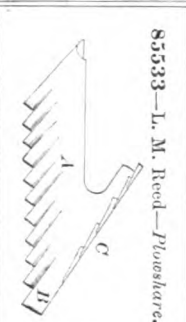
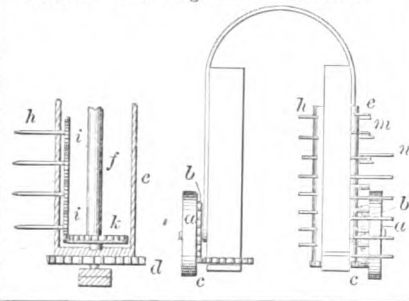
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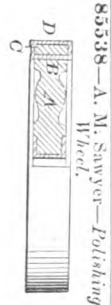
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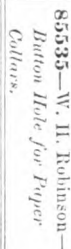
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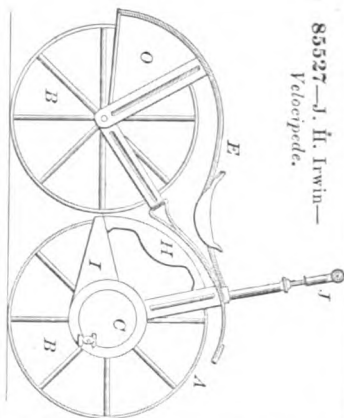
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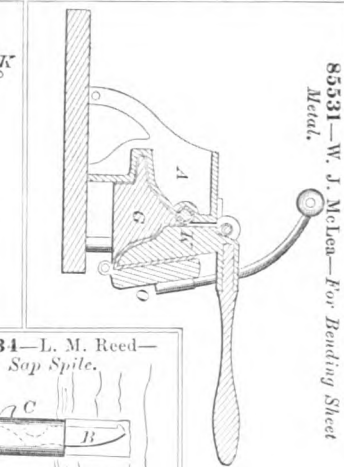
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**85535**—W. H. Robinson—*Button Hole for Paper Collars.*

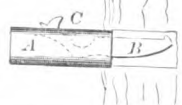


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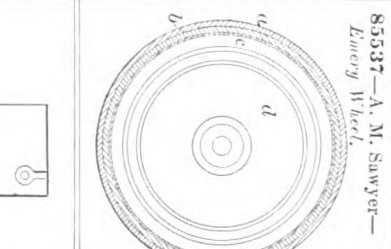
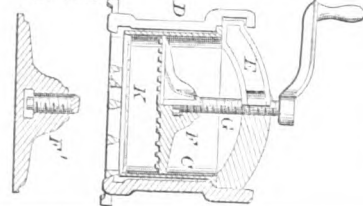


**85531**—W. J. McLean—*For Bending Sheet Metal.*

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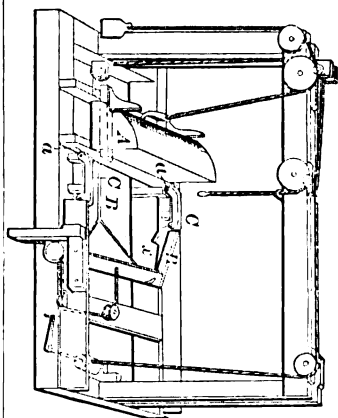
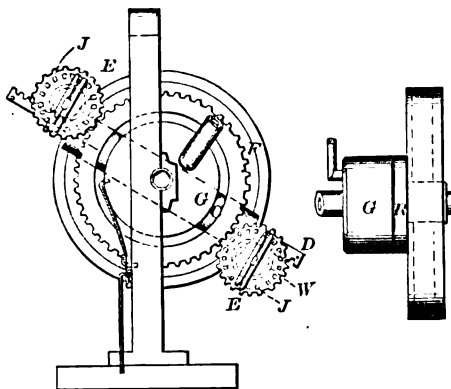


**85530**—J. H. Littlefield—*Press and Strainer.*



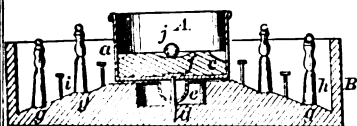
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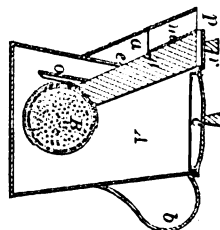
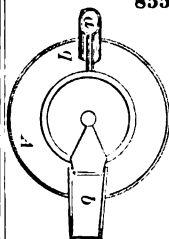


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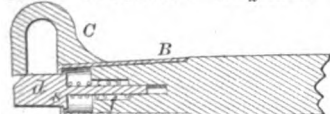
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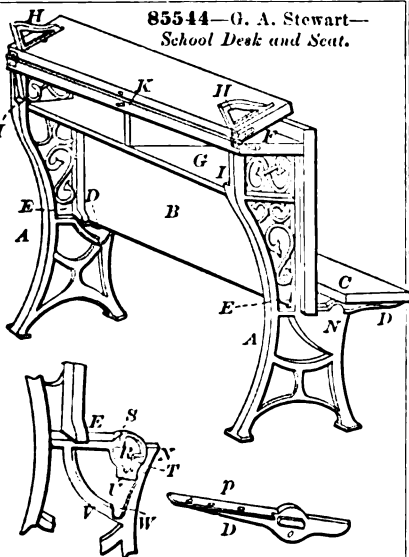
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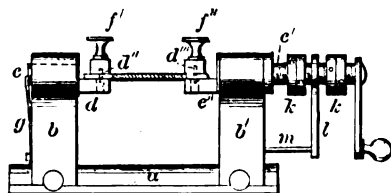
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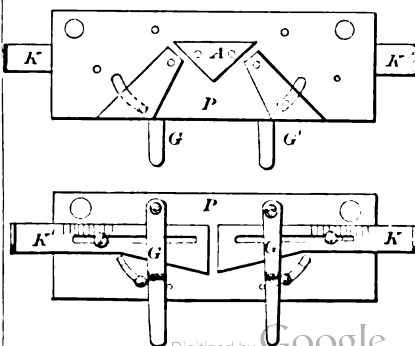
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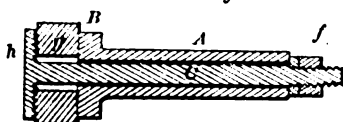
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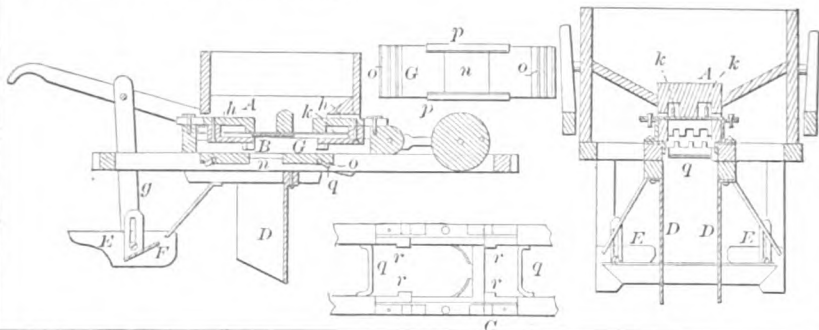
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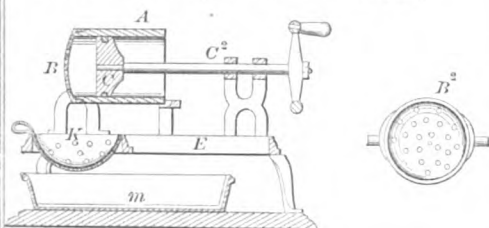
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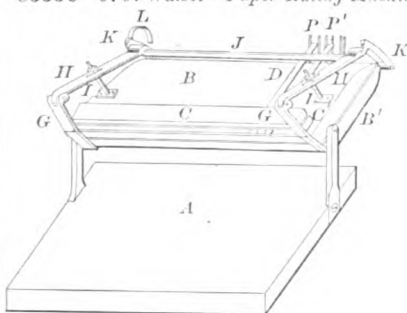
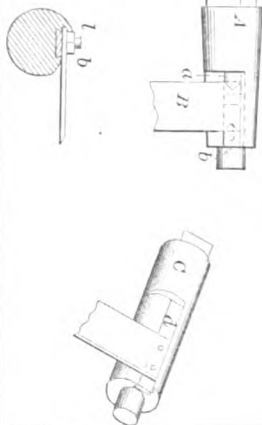
85547—J. L. True—*Potato Planter.*

85548--J. Underwood—*Pump.*

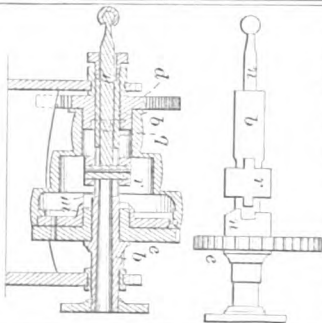
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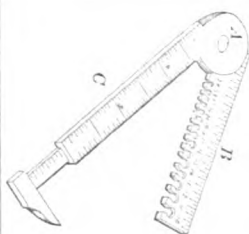
85550—J. J. Walser—*Paper Ruling Machine.*

85549—Yose & Anderson—*Mandrel for Coiling*

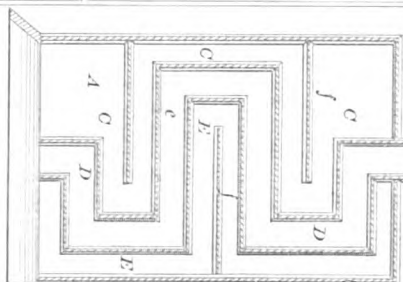
85552—A. E. Whitmore—*Lathe.*



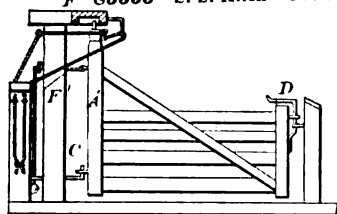
85553—F. A. Adams—  
*Caliper, Rule and Wire Gauge.*



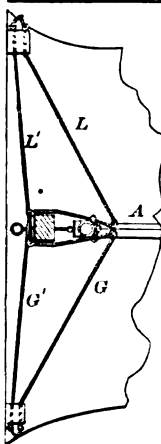
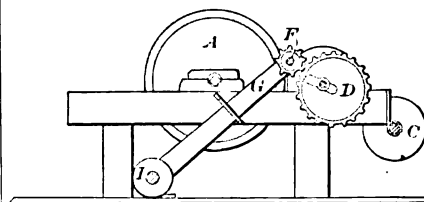
85554—W. Alechin—Hot  
*Air Drum.*



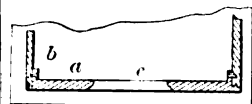
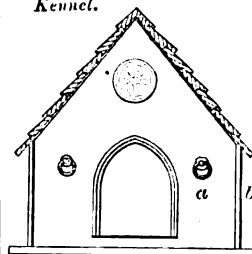
85555—S. S. Allen—Gate.



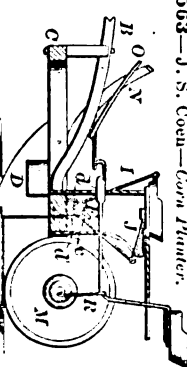
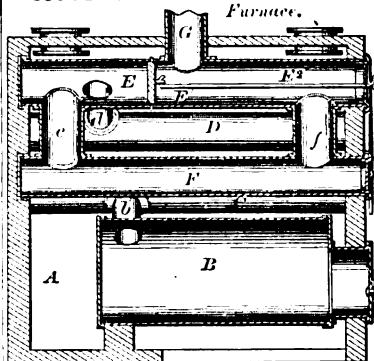
85556—Bennett & Vine—Carding Machine.



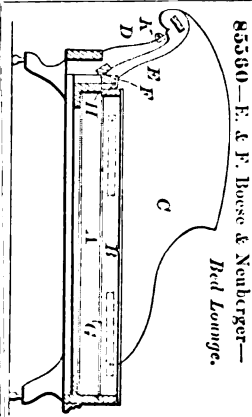
85557—S. S. Bent—Dog Kennel.



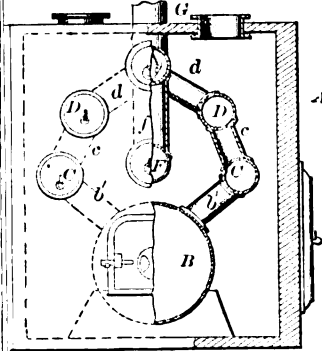
85564—T. E. Coles—Hot Air Furnace.



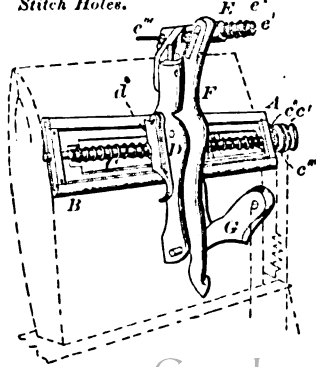
85563—J. S. Coen—Corn Planter.



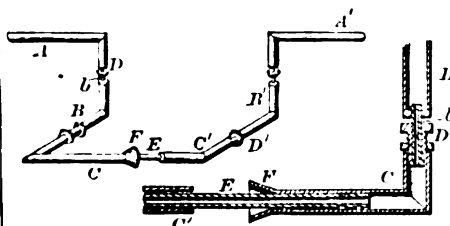
85560—E. & F. Hoese & Neuburger—Hed Lounges.



85558—R. Blackwood—For Piercing Stitch Holes.

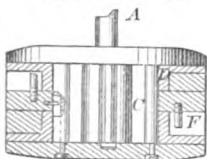


85559—M. S. Bolt—Pipe Connection in Railroad Car Heaters.

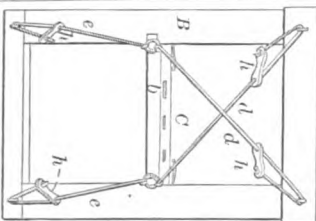
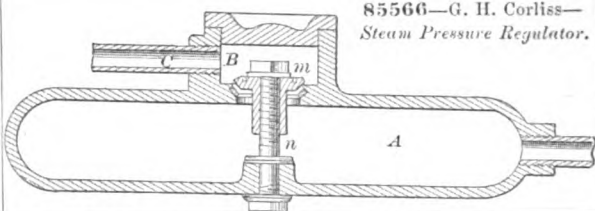




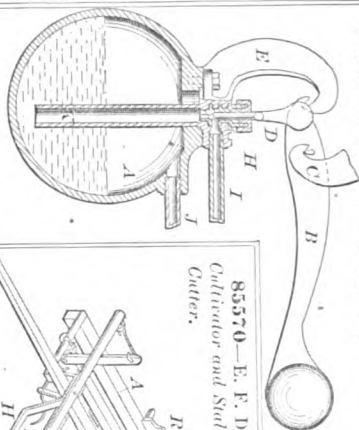
85561—F. A. Brown—  
Piston Packing.



85566—G. H. Corliss—  
Steam Pressure Regulator.

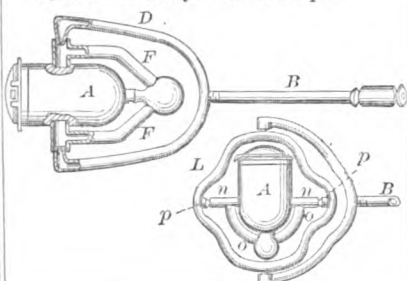


85562—A. J. Chase—  
Clothes Dryer.

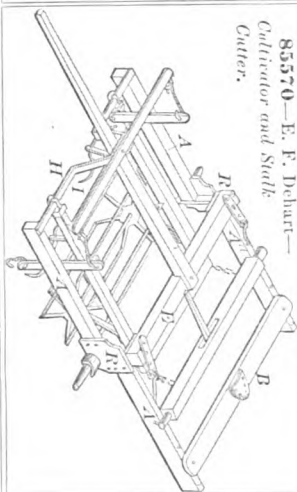


85567—G. H. Corliss—Steam Trap.

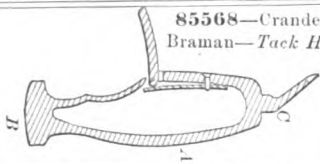
85565—G. Corey—Tobacco Pipe.



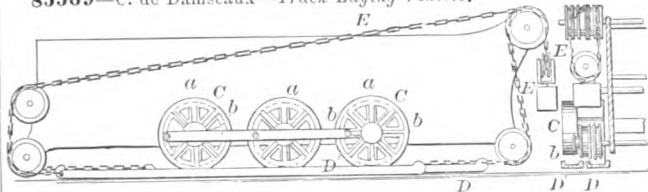
85570—E. F. Dehart—  
Cultivator and Stake  
Cutter.



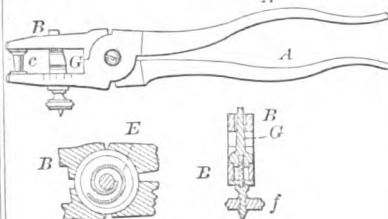
85568—Crandell &  
Braman—Tack Hammer.



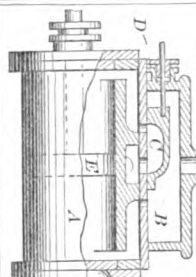
85569—C. de Damseaux—Track Laying Vehicle.



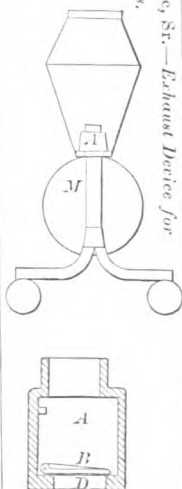
85575—M. D. Drake—Belt Punch.



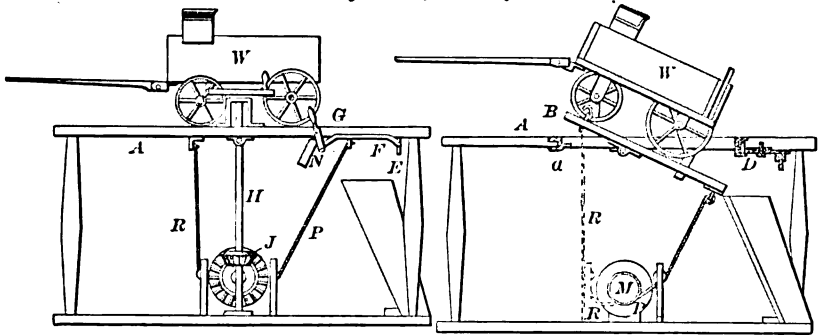
85572—A. L. Dorey—  
Toy Steam Engine.



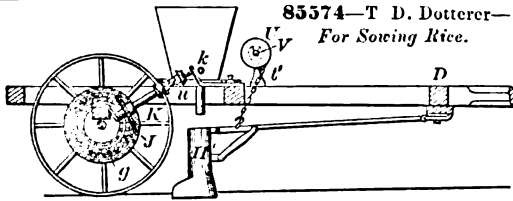
85571—J. Densmore, Sr.—Exhaust Device for  
Locomotive Engines.



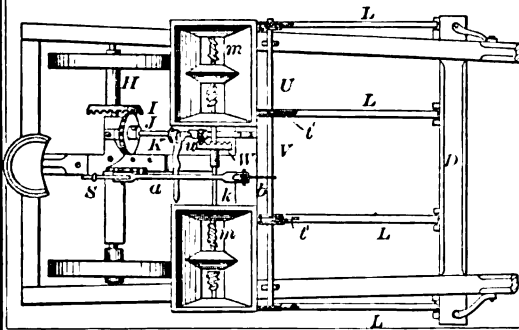
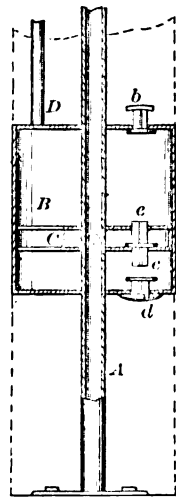
**85573**—C. S. Dole—*For Unloading Grain from Wagons.*



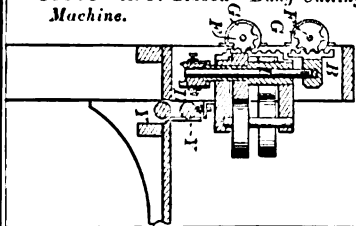
**85574**—T. D. Dotterer—*For Sowing Rice.*



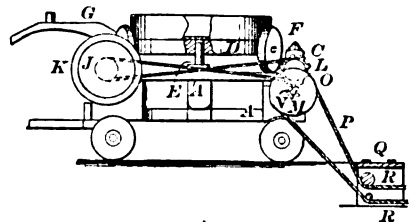
**85577**—Forrester & Luddington—*Pump.*



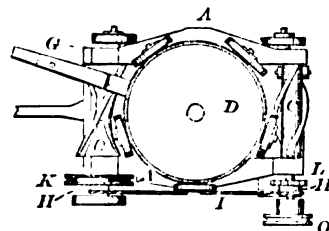
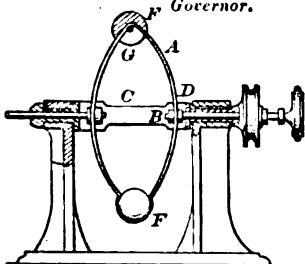
**85579**—A. J. Gibson—*Bug Cutting Machine.*



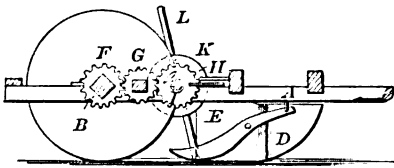
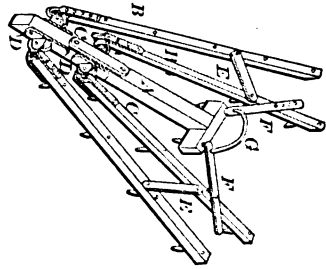
**85578**—C. F. Gay—*Horse Power.*



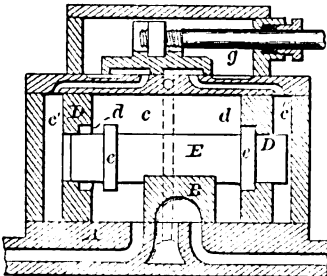
**85580**—W. W. Gilbert—*Steam Engine Governor.*



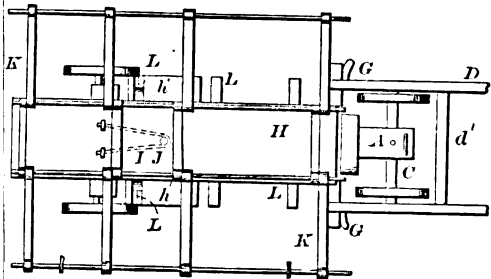
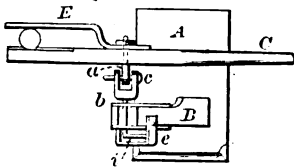
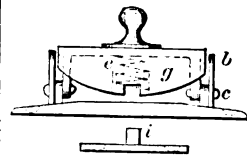
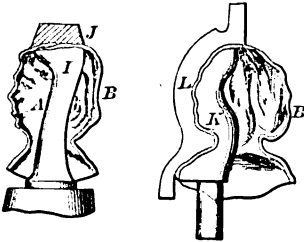
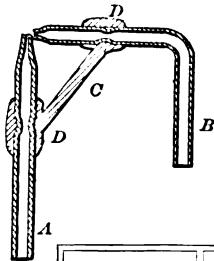
85581—W. B. Goodwin—Corn Planter.

85582—I. J. Husted—  
Expanding Harrow.

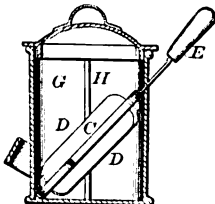
85583—R. Hardie—Slide Valve.



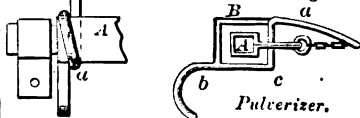
85585—H. Harris—Corn Harvester.

85587—A. L. & W. A. Hatch—  
Hop Pole Puller.85586—H. Haslam—  
Sash Fastener.85589—G. H. Hawkins—  
Manufacture of Dolls' Heads.85596—W. K. Leach—  
Atomizing Tube.

85594—J. King—Churn.



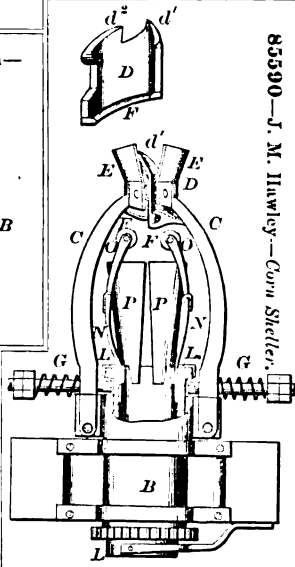
85591—I. N. Jennings—



Pulverizer.

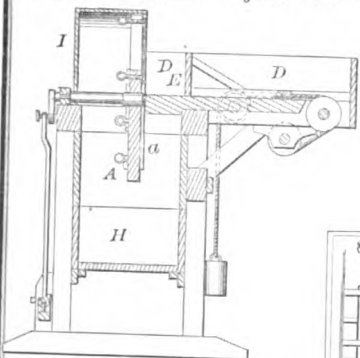
85588—J. T. Hayward—  
Bottle Stopper.

85590—J. M. Hawley—Corn Shelter.

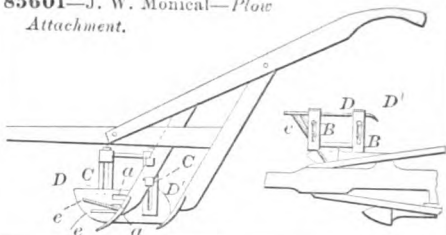




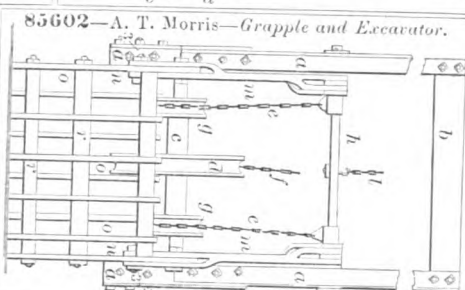
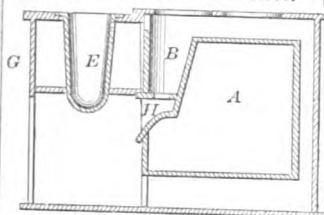
**85599**—S. Markel—*Vegetable Slicer.*



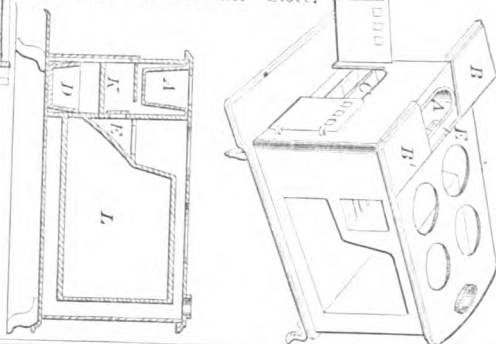
85601—J. W. Monical—*Plow Attachment.*



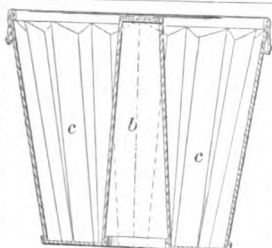
85602—A. T. Morris—*Grapple and Excavator.*

85604—M. J. Mosher—*Store.*

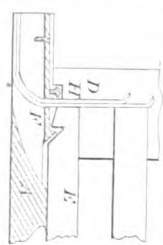
85603—M. J. Mosher—*Store.*



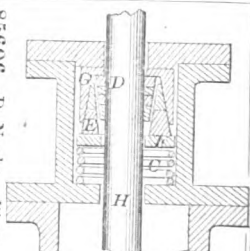
85605—J. Musgrove—*Pudding Mould.*



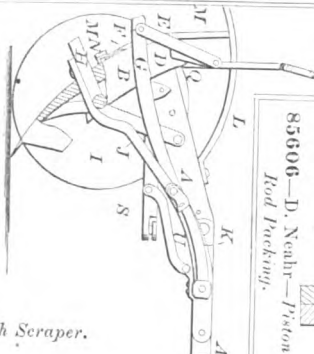
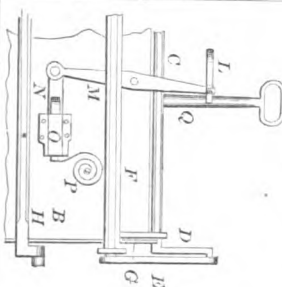
85608—H. & H. Pearson—*For Tightening Tires.*

85607—H. S. Otis—*Gute*.

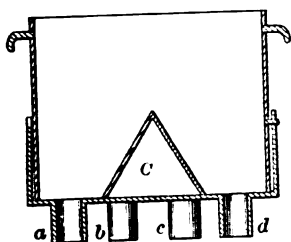
85606—D. Neuh—Piston Rod Packing.



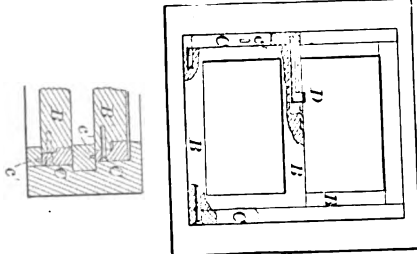
85609—N. Peek—*Earth Scraper.*



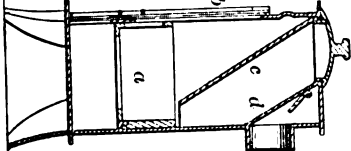
**85610**—C. R. & B. A. Peden—*Grain Toller.*



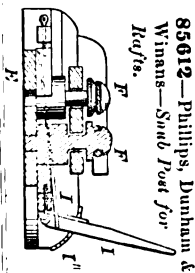
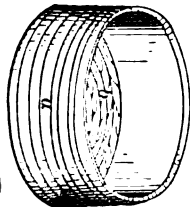
**85611**—Perkins, Bogert & Lowell—*Window Sash.*



**85614**—W. Sanford—*Fireplace Heater.*



**85613**—  
W. & D. Ringhart—*Tobacco Manufacture.*



**85615**—C. Schiller—*Meat Cutter.*

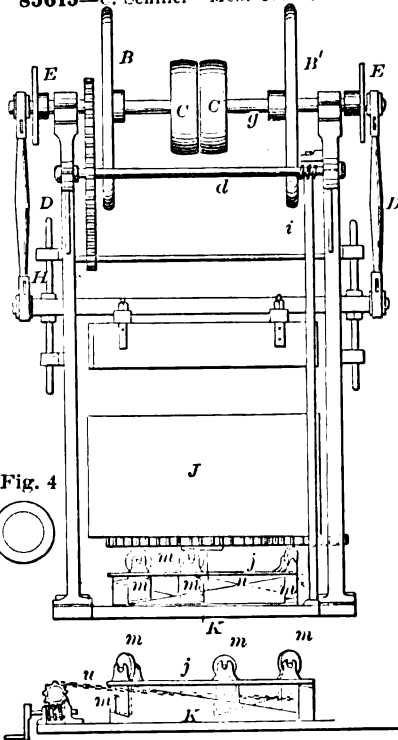
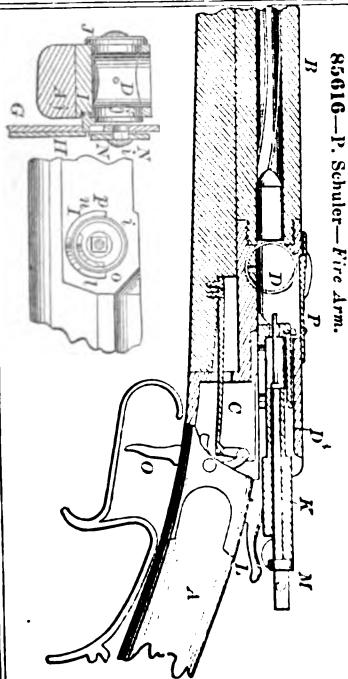
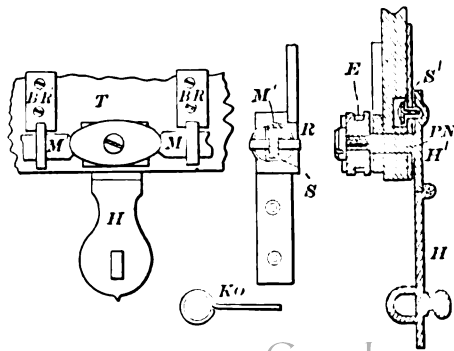


Fig. 4

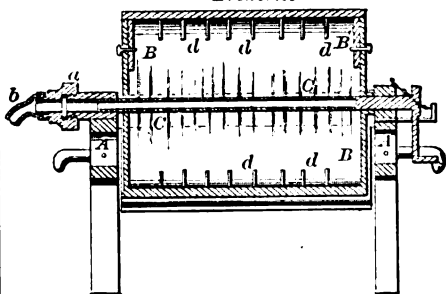


**85616**—P. Schuler—*Fire Arm.*

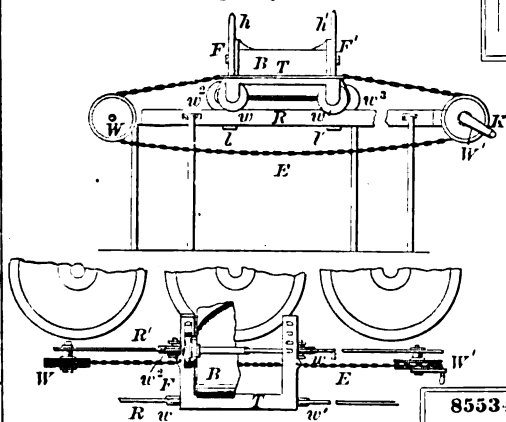
**85617**—H. Simons—*Trunk Bolt.*



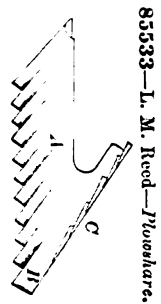
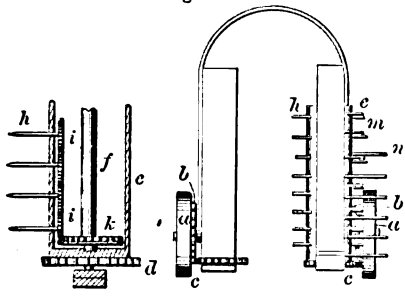
**85526**—F. Hinckel—*For Washing Shavings in Breweries.*



**85528**—A. Kusenberg—*Sugar Draining Machine.*



**85532**—A. Pettingill—*Cotton Picker.*

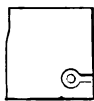


**85533**—L. M. Reed—*Plowshare.*

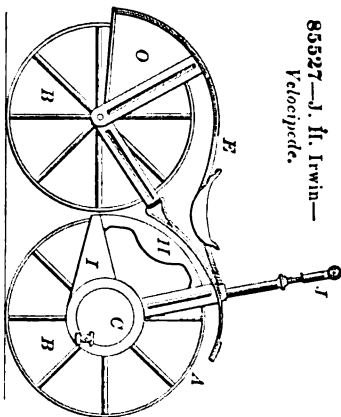


**85538**—A. M. Sawyer—*Polishing Wheel.*

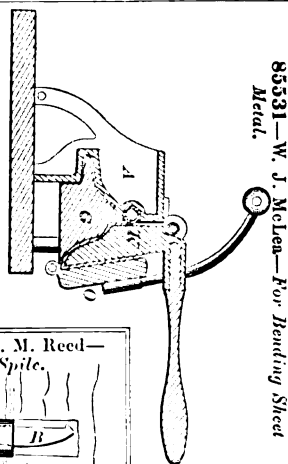
**85535**—W. H. Robinson—*Button Hole for Paper Collars.*



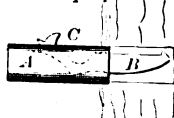
**85527**—J. H. Irwin—*Velocipede.*



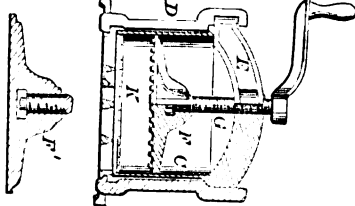
**85531**—W. J. McLean—*For Bending Sheet Metal.*



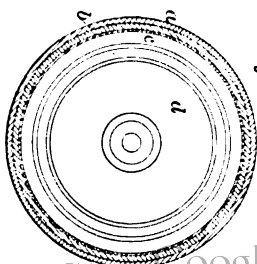
**85534**—L. M. Reed—*Sap Spile.*



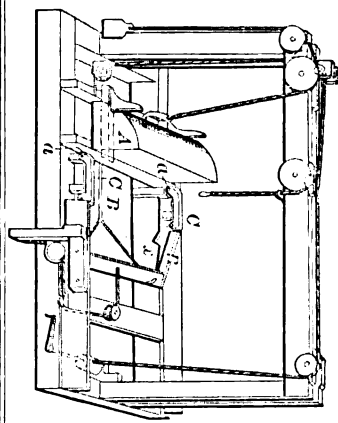
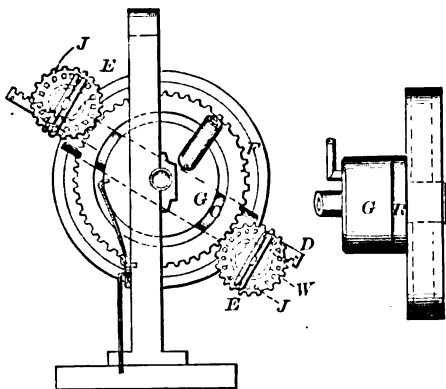
**85530**—J. H. Littlefield—*Press and Strainer.*



**85537**—A. M. Sawyer—*Emery Wheel.*

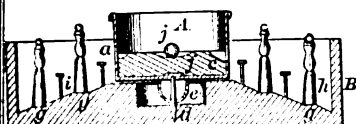


85536—H. Rockwell—Steam Engine.

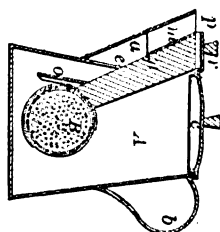
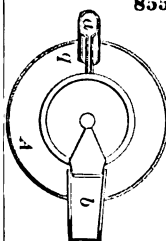


85543—B. R. Stevens—Log Cutting Apparatus.

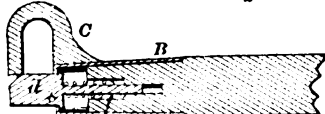
85539—H. Seher—Playing Table.



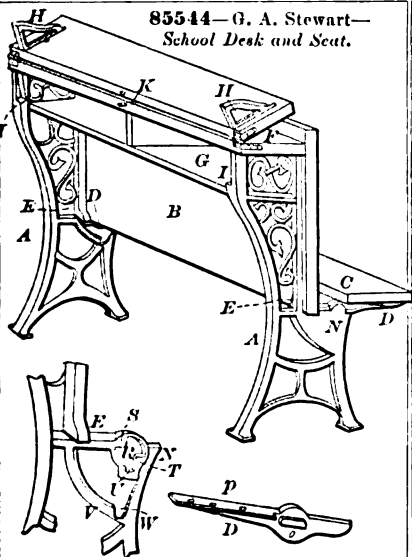
85540—D. M. Skinner—Coffee Pot.



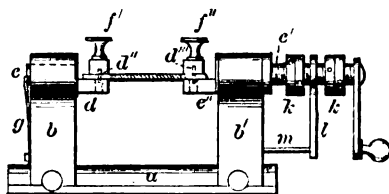
85541—E. A. Smead—Whiffletree.



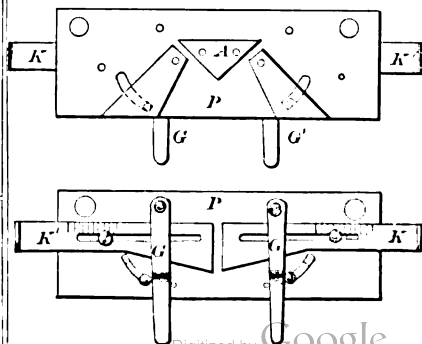
85544—G. A. Stewart—School Desk and Seat.



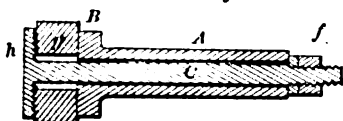
85542—E. W. Sperry—For Producing Twist in Table Cutlery, Spoons, &c.



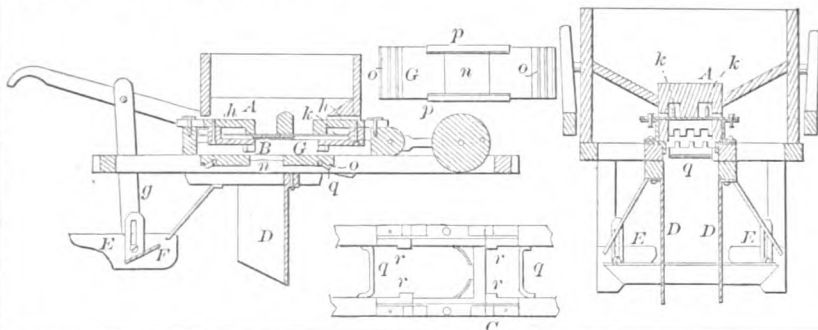
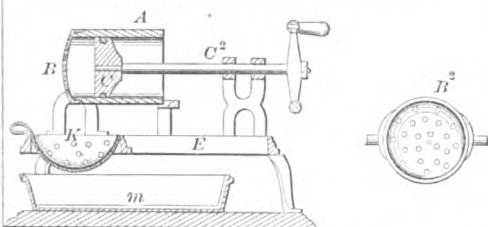
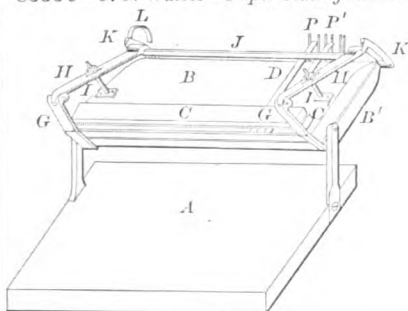
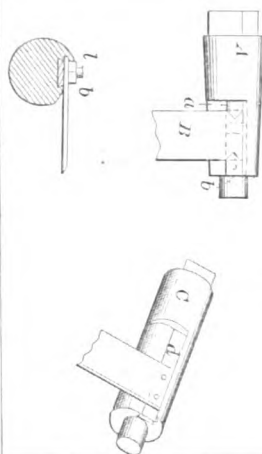
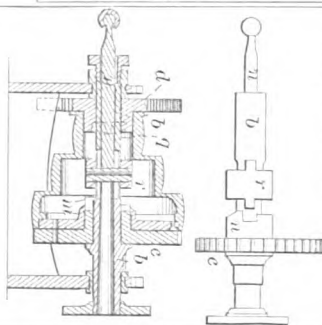
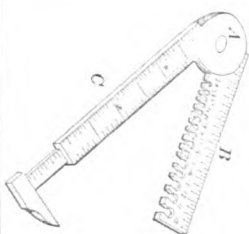
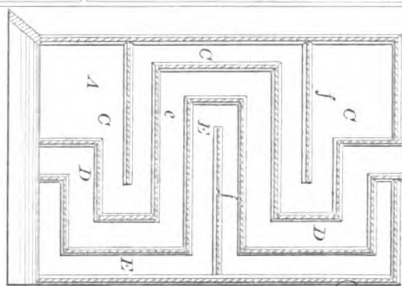
85546—W. A. Tangeman—Knitting Machine.

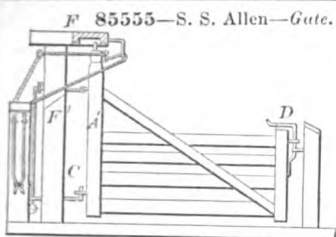


85545—E. Sullivan—Reaming Tool.

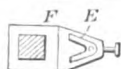
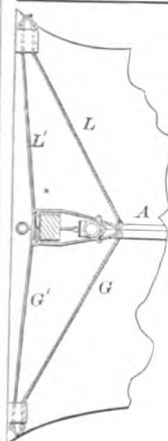
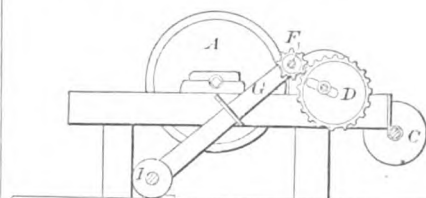




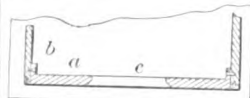
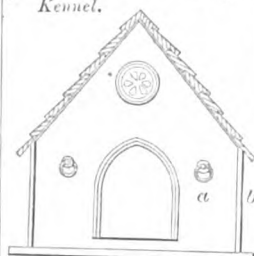
85547—J. L. True—*Potato Planter.*85548—J. Underwood—*Pump.*85551—J. T. Whipple—*Butter Worker, &c.*85550—J. J. Walser—*Paper Ruling Machine.*85549—Vose & Anderson—*Handrel for Coiling Springs.*85552—A. E. Whitmore—*Lathe.*85553—F. A. Adams—*Caliper, Rule and Wire Gauge.*85554—W. Allechin—*Hot Air Pump.*



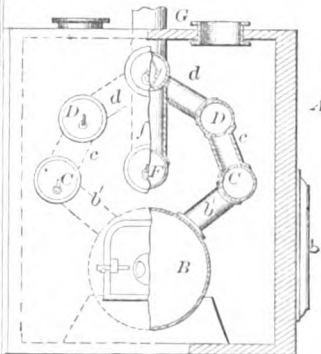
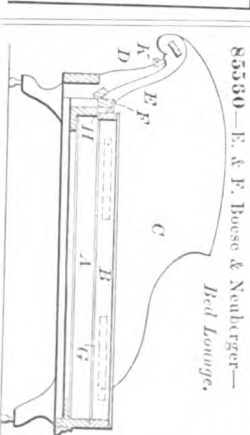
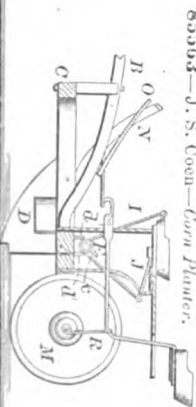
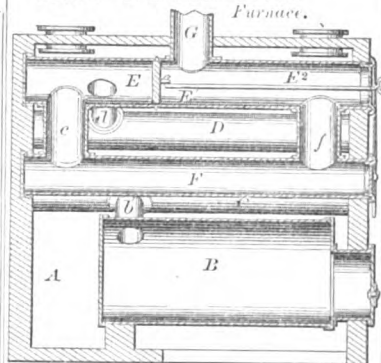
**85556**—Bennett & Vine—*Carding Machine.*



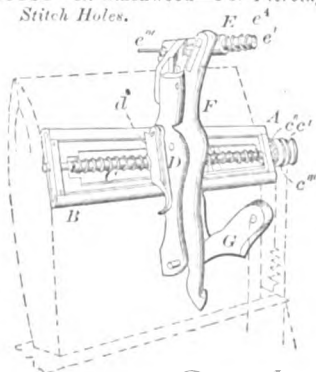
**85557**—S. S. Bent—*Dog Kennel.*



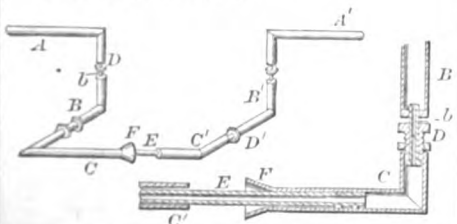
**85564**—T. E. Coles—*Hot Air Furnace.*



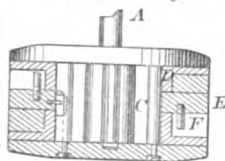
**85558**—R. Blackwood—*For Piercing Stitch Holes.*



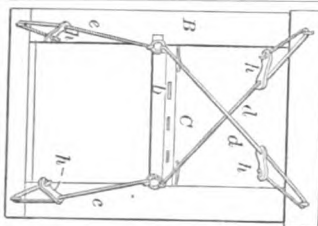
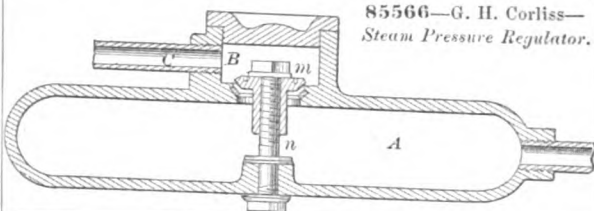
**85559**—M. S. Bolt—*Pipe Connection in Railroad Car Heaters.*



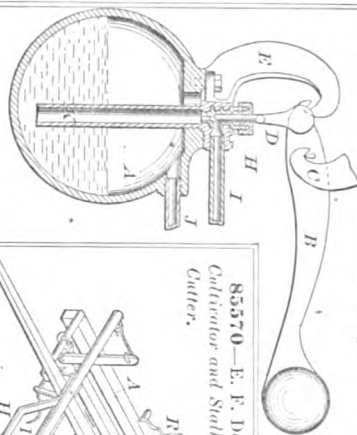
85561—F. A. Brown—  
Piston Packing.



85566—G. H. Corliss—  
Steam Pressure Regulator.

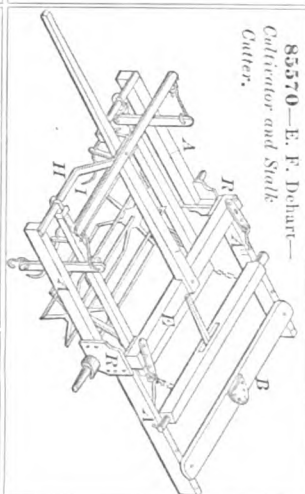
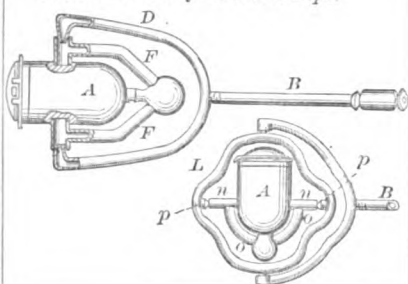


85562—A. J. Chasco—  
Clothes Dryer.



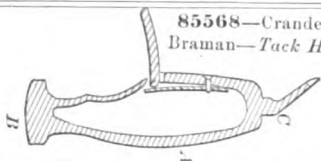
85567—G. H. Corliss—Steam Trap.

85565—G. Corey—Tobacco Pipe.

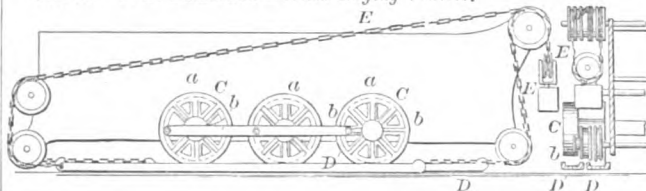


85570—E. F. Dehart—  
Cutting and Stacking  
Cutter.

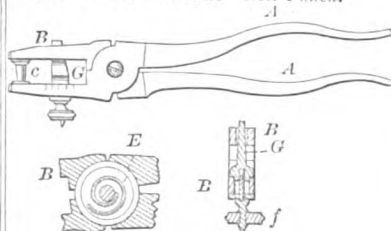
85568—Crandell &  
Braman—Tack Hammer.



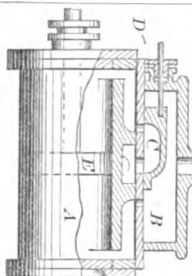
85569—C. de Dainseaux—Track Laying Vehicle.



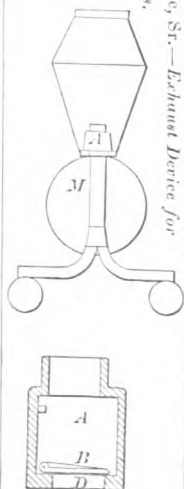
85575—M. D. Drake—Belt Punch.



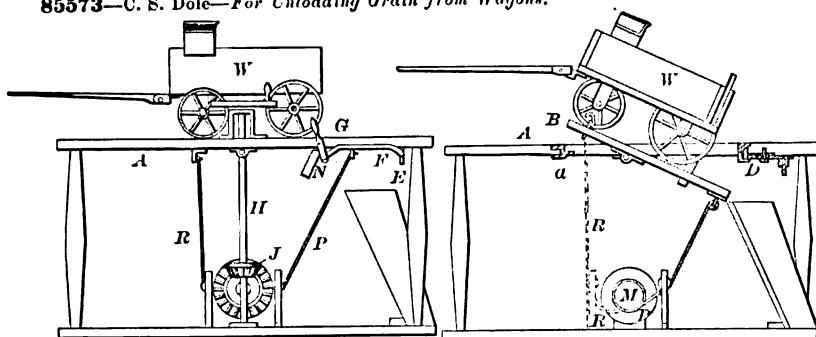
85572—A. L. Dewey—  
Toy Steam Engine.



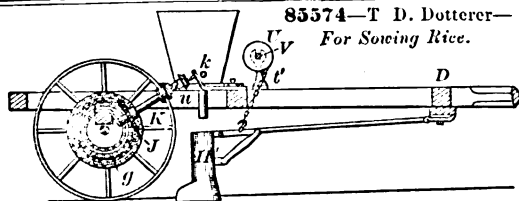
85571—J. Densmore, Sr.—Exhaust Device for  
Locomotive Engines.



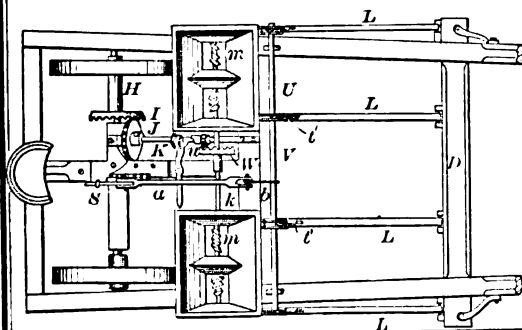
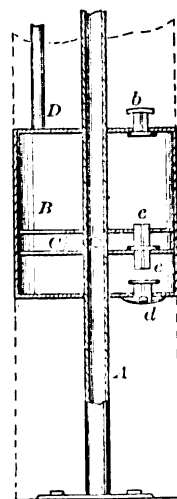
85573—C. S. Dole—For Unloading Grain from Wagons.



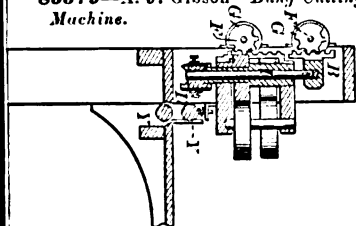
85574—T. D. Dotterer—  
For Sowing Rice.



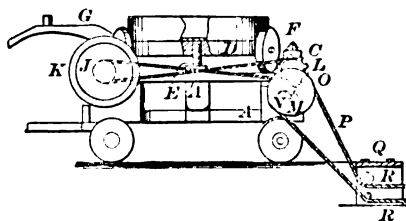
85577—Forrester &  
Luddington—Pump.



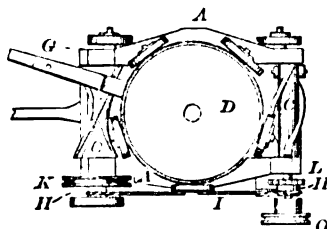
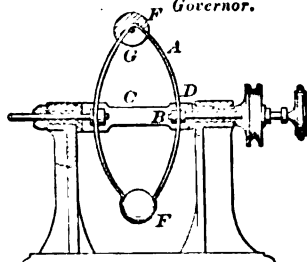
85579—A. J. Gibson—Buny Cutting  
Machine.



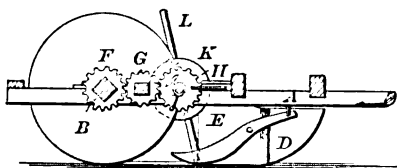
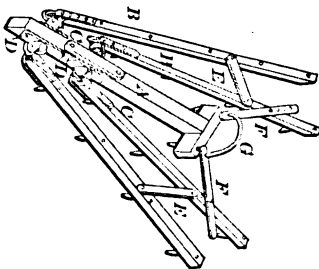
85578—C. F. Gay—Horse Power.



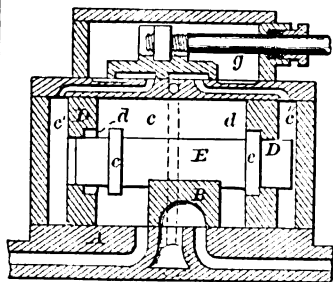
85580—W. W. Gilbert—Steam Engine  
Governor.



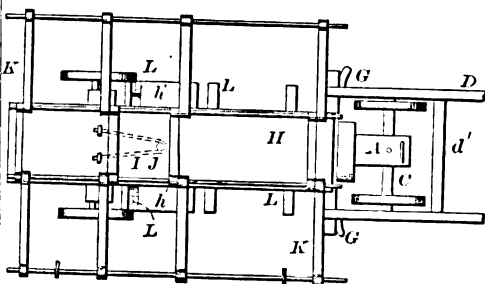
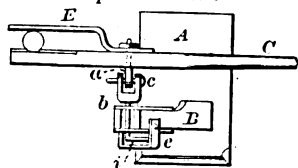
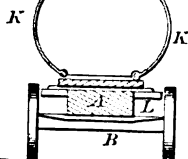
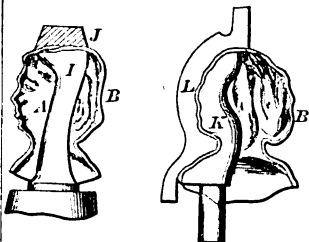
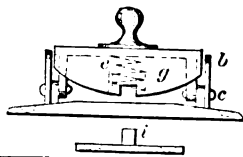
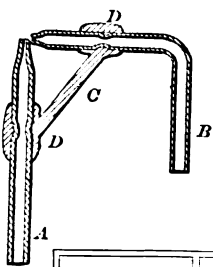
85581—W. B. Goodwin—Corn Planter.

85582—L. J. Husted—  
Expanding Harrow.

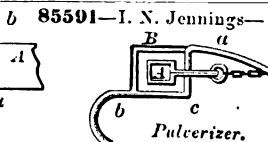
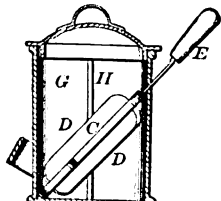
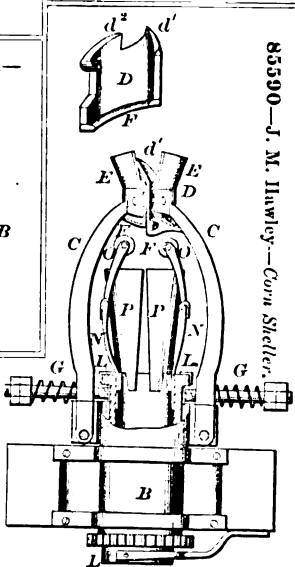
85583—R. Hardie—Slide Valve.



85585—H. Harris—Corn Harvester.

85587—A. L. & W. A. Hatch—  
Hop Pole Puller.85589—G. H. Hawkins—  
Manufacture of Dolls' Heads.85586—H. Haslam—  
Sash Fastener.85596—W. K. Leach—  
Atomizing Tube.

85594—J. King—Churn.

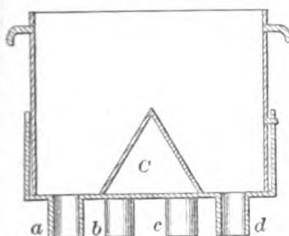
85591—I. N. Jennings—  
Pulcrizer.85588—J. T. Hayward—  
Bottle Stopper.

85590—J. M. Hawley—Corn Shelter.

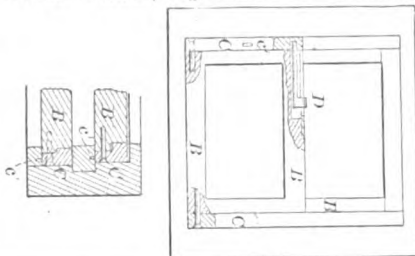




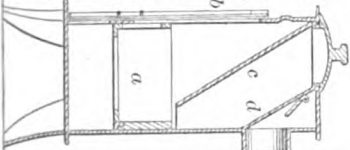
**85610**—C. R. & B. A. Peden—*Grain Toller.*



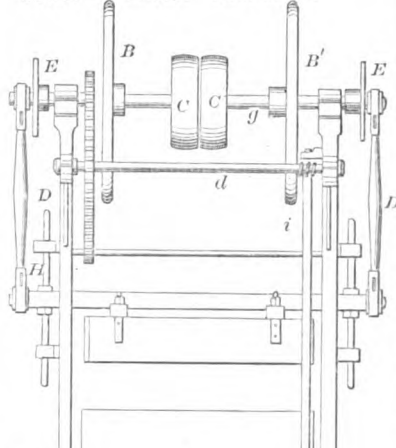
**85611**—Perkins, Bogert & Lowell—*Window Sash.*



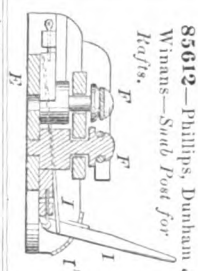
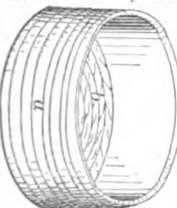
**85614**—W. Sanford—*Fireplace Heater.*



**85615**—C. Schiller—*Meat Cutter.*



**85613**—  
W. & D. Rinehart—*Tobacco Manufacture.*



**85612**—Phillips, Dunham & Winans—*Seed Post for Reels.*

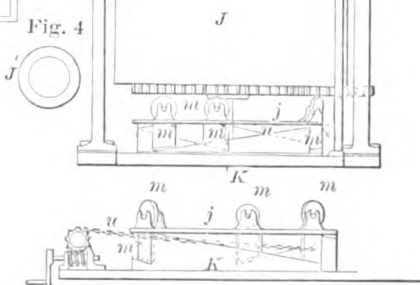
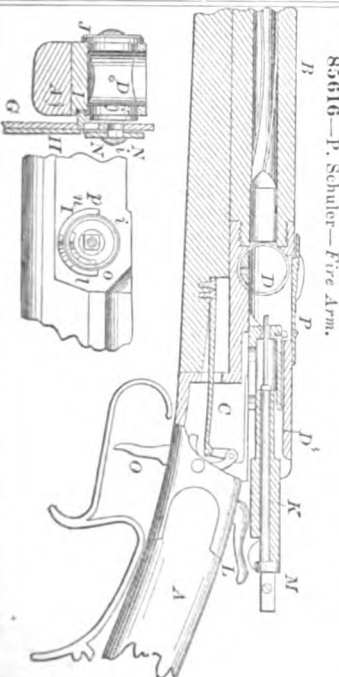
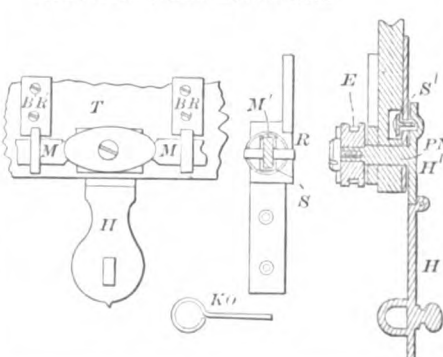


Fig. 4

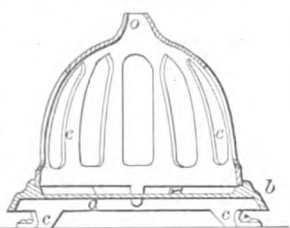
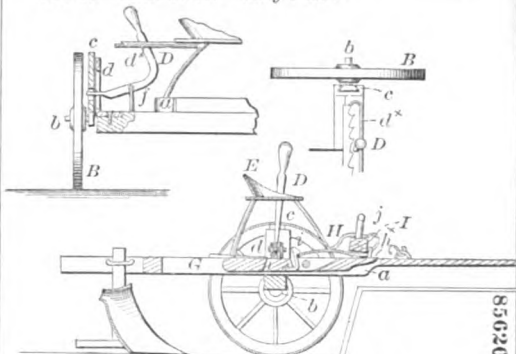
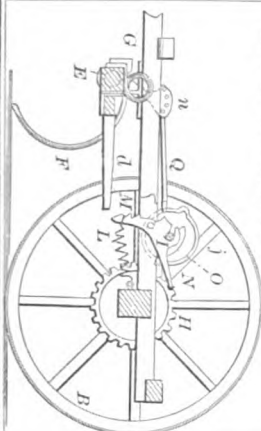
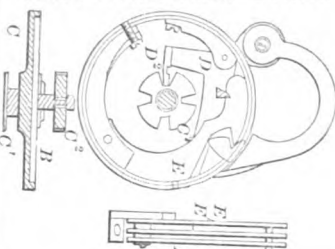
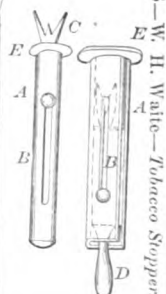
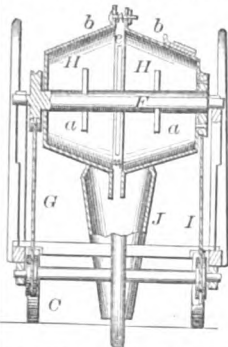
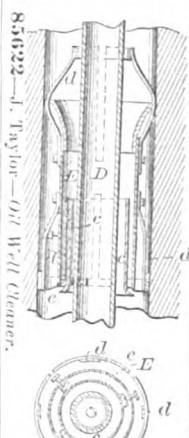
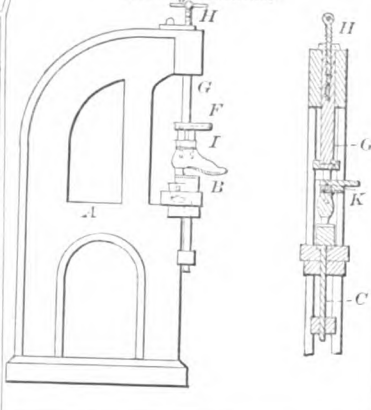
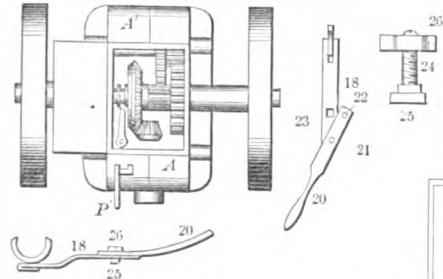


**85616**—P. Schuler—*Fire Arm.*

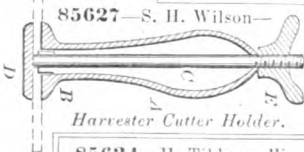
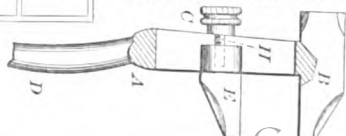
**85617**—H. Simons—*Trunk Bolt.*



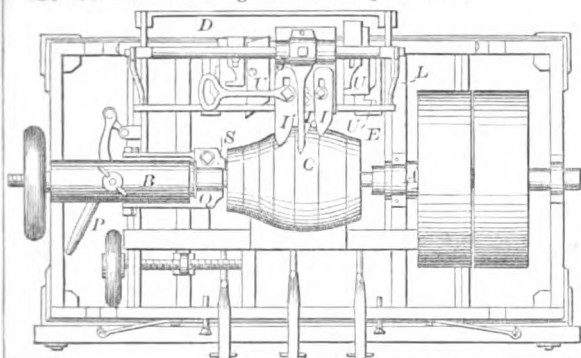


85618—R. L. Smith—*Twine Holder.*85621—Z. T. Sweet—*Gang Plow.*85620—J. C. Stoddard—*Horse Rake.*85630—P. A. Altmaier—*Padlock.*85626—W. H. Waite—*Tobacco Stopper.*85619—J. L. Stegall—*For Sowing Pulverulent Manures.*85625—Trask & Eldridge—*Shoe Heeling Machine.*85628—G. W. N. Yost—*Harvester.*

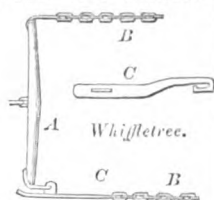
85627—S. H. Wilson—

*Harvester Cutter Holder.*85624—H. Tilden—*Wrench.*

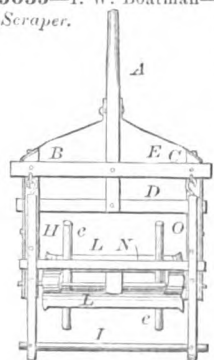
85629—Zafelt & Craig—Hub Turning Machine.



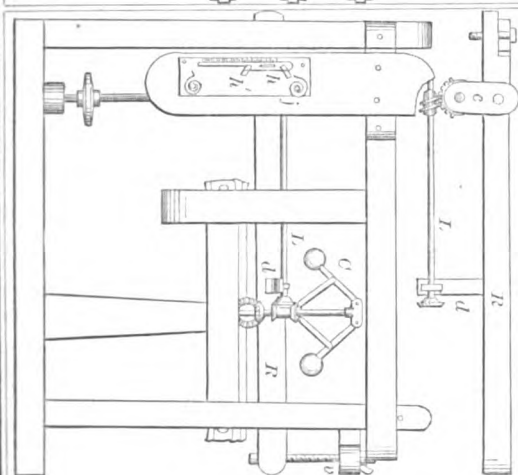
85631—S. H. Anderson—



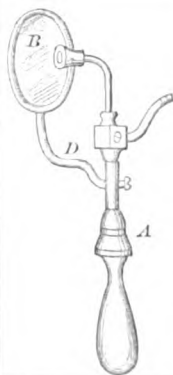
85635—I. W. Boatman—Scraper.



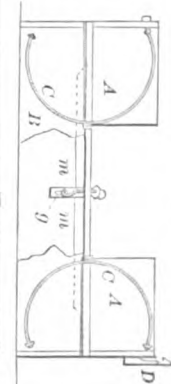
85632—W. Ashby—Steam Engine Governor.



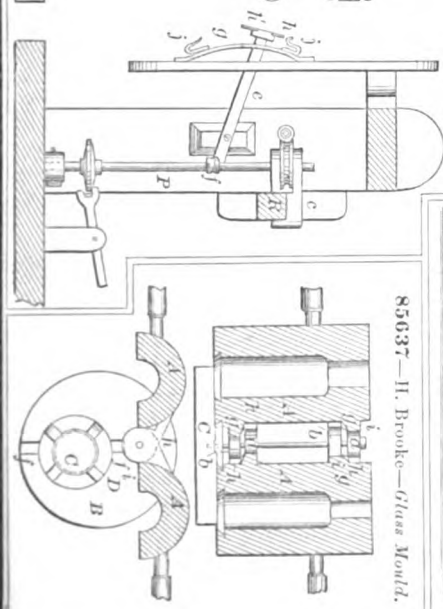
85636—D. F. Brandon—Cigar Lighter.

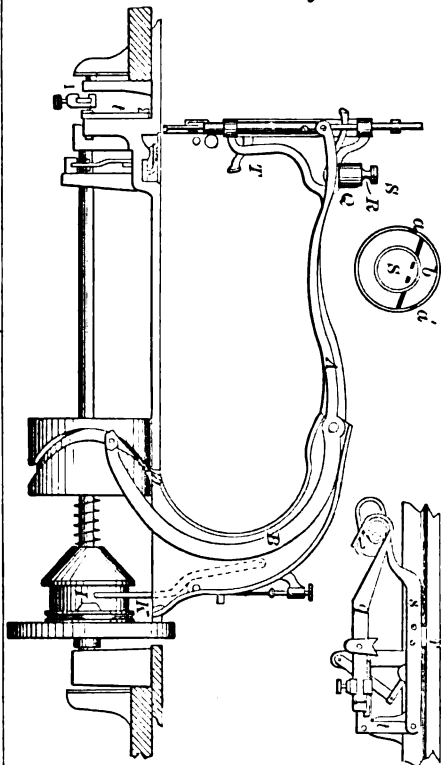
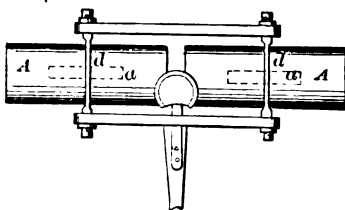
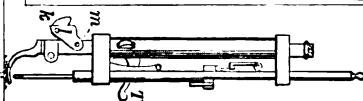
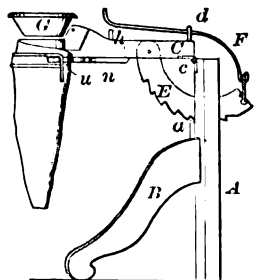
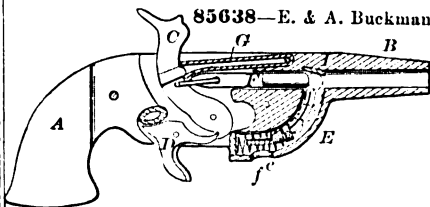
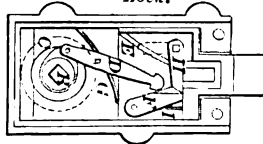
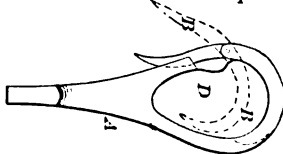
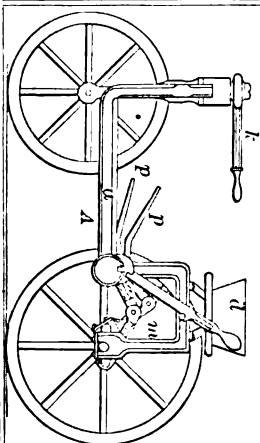
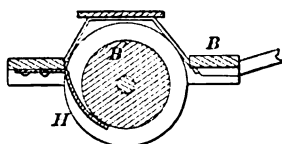
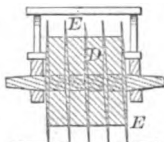


85634—T. Bingham—Animal Trap.

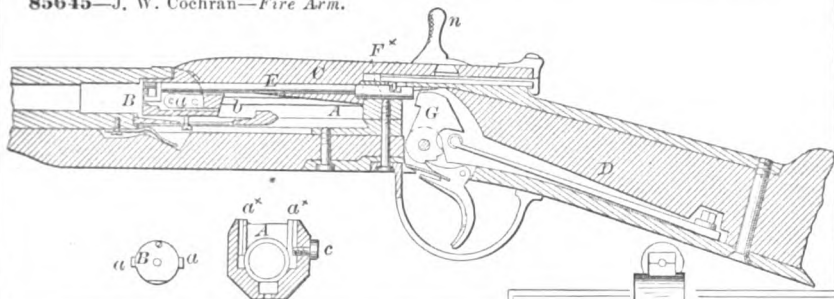


85637—H. Brooke—Glass Mould.

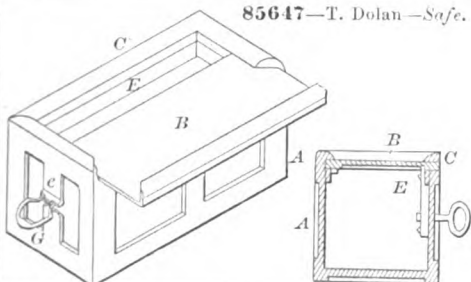


**85633**—M. M. Barnes—*Sewing Machine.***85641**—E. P. H. Capron—*Land Roller.***85643**—S. P. Clemons—*Bag Holder.***85638**—E. & A. Buckman—*Toy.***85644**—W. H. Cloud—*Latch and Lock.***85646**—P. Dolan—*Snap.***85639**—W. M. Bush—*For Pulverizing Earth.***85640**—C. Callaghan—*Velocipede.*

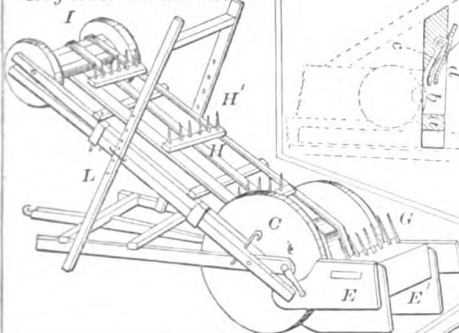
85645—J. W. Cochran—Fire Arm.



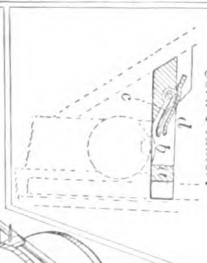
85647—T. Dolan—Safe.



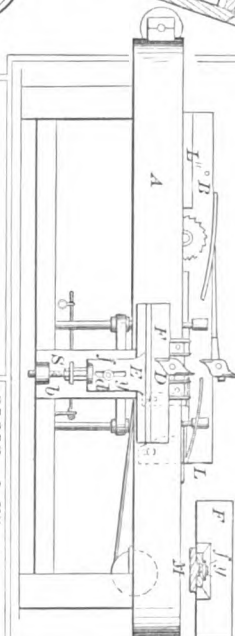
85651—Elarton & Thomas—  
Hay Rake and Loader.



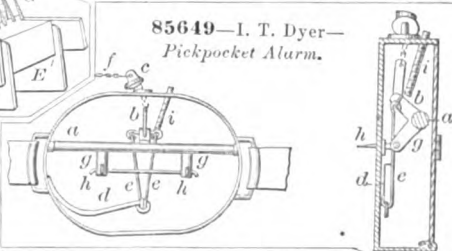
85652—J. Elbertson—  
Corn Planter.



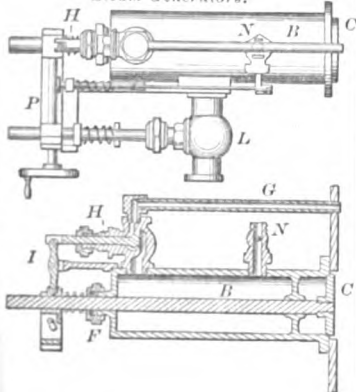
85648—J. H. Draper—Planing Machine.



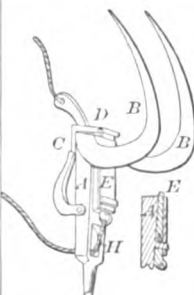
85649—I. T. Dyer—  
Pickpocket Alarm.



85655—H. Griffing—For Feeding  
Steam Generators.



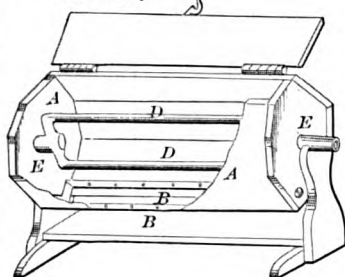
85658—A. J. Harrison—Horse  
Hay Fork.



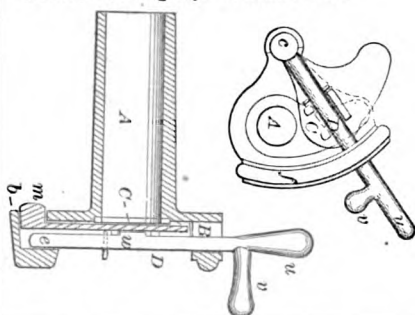
85653—E. B. Goodall—  
Inserting Artificial Teeth.



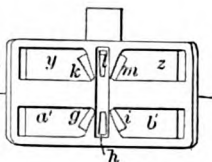
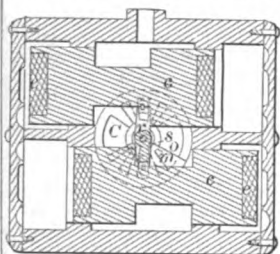
**85654**—Graves & Crandall—*Feather Renovator.*



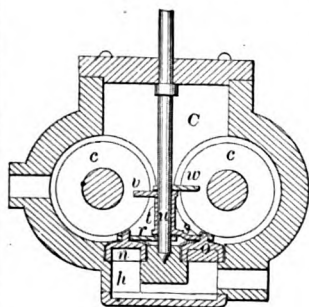
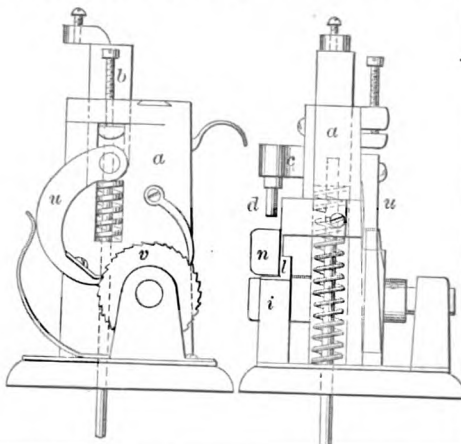
**85660**—J. Hegarty—*Molasses Gate.*



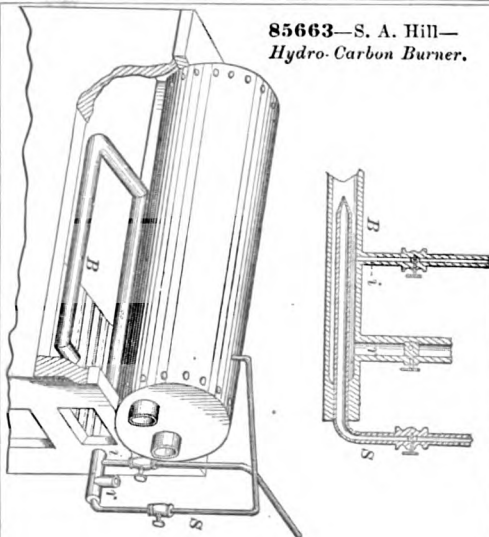
**85656**—J. Harris—*Fluid Meter.*



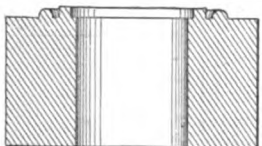
**85661**—C. H. Helms—*Punching Leather Stock.*



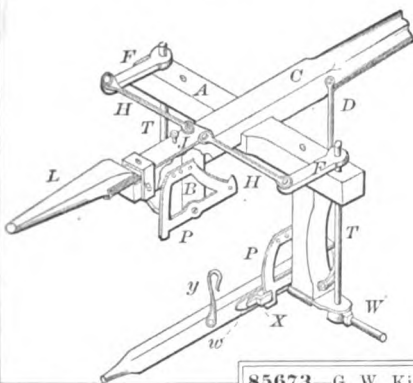
**85663**—S. A. Hill—*Hydro-Carbon Burner.*



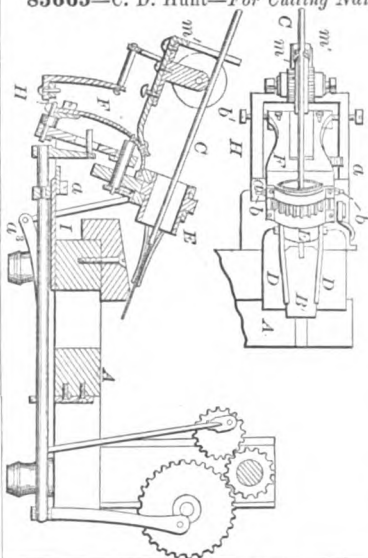
**85664**—C. Horel—*Stove Pipe Thimble.*



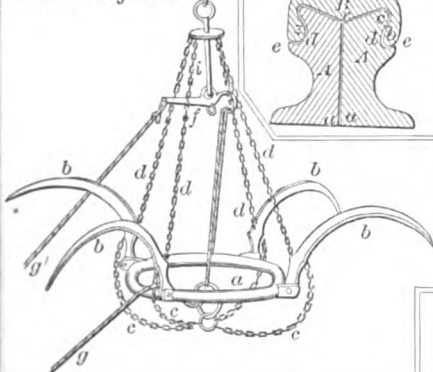
85662—R. H. Henry—*Cultivator*.



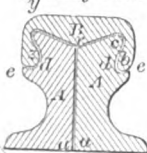
85665—C. D. Hunt—*For Cutting Nails.*



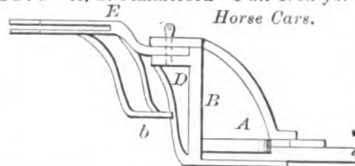
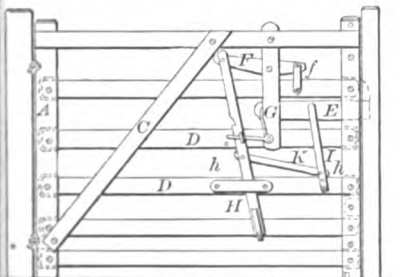
85669—J. Jennings—  
*Horse Hay Fork* A



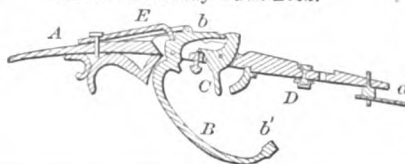
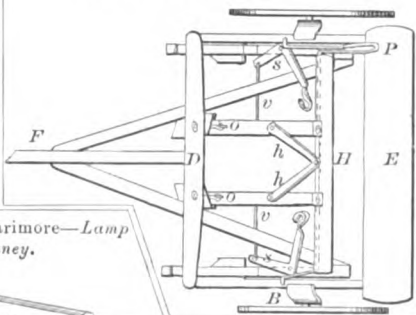
85673—G. W. King—  
*Railway Rail.*



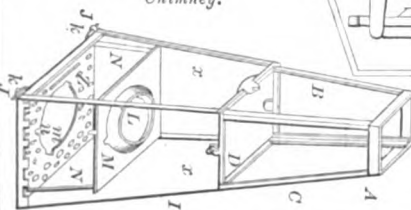
85670—A. S. Jimmerson—*Pull Iron for Horse Cars.*

85674—D. L. Koons—*Farm Gate.*

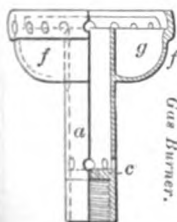
85672—J. Kelsay—*Gun Lock*.

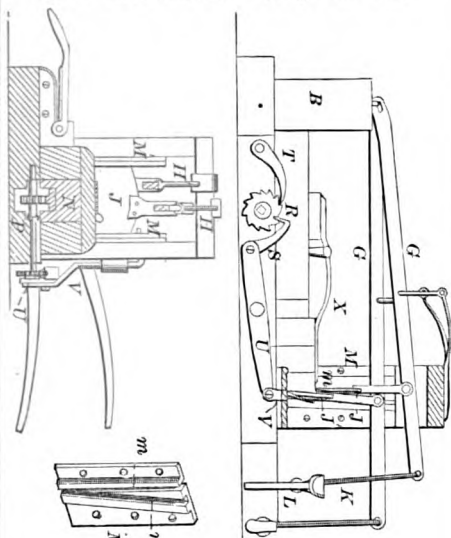
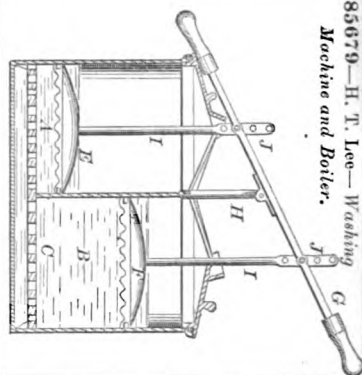
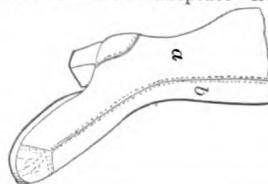
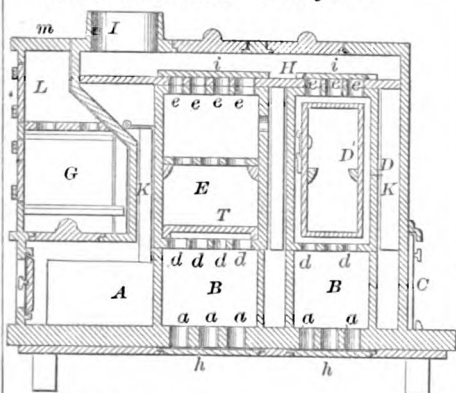
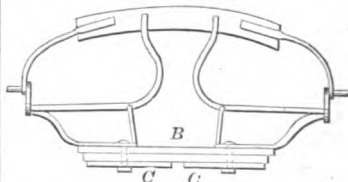
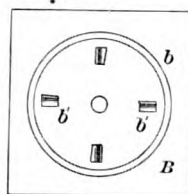
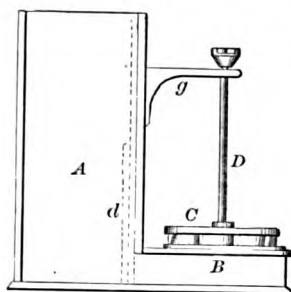
85675—G. W. Kring—*Cultivator*.

85677—J. W. Larimore—*Lamp Chimney.*

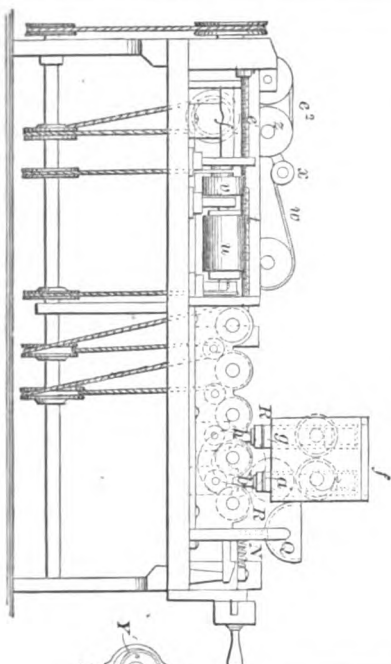
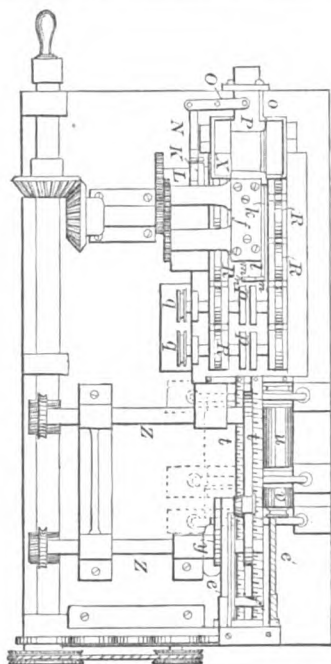


A cross-sectional diagram of a gas burner assembly. At the top, a horizontal pipe with a flange is labeled 'f'. Below it, a vertical pipe is labeled 'g'. A horizontal section of the vertical pipe is labeled 'a'. At the bottom of the vertical pipe, there is a small circular component labeled 'c'. The entire assembly is labeled 'Gas Burner.' on the right side.

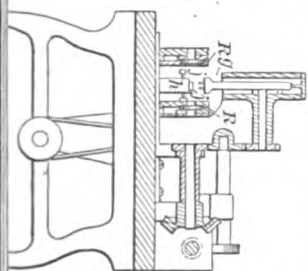
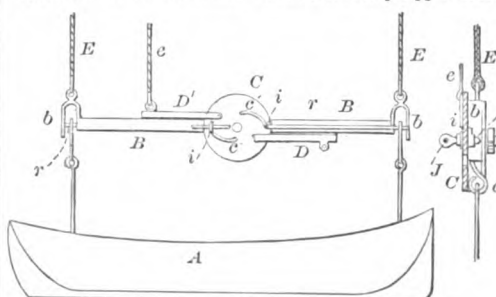


85676—I. I. Lancaster—*Shingle Machine.*85679—H. T. Lee—*Washing Machine and Boiler.*85681—L. O. Makepeace—*Boot.*85678—D. S. Leavitt—*Cooking Stove.*85680—G. R. Lucas—*Shifting Carriage Top.*85683—E. W. McGuire—*Water Wheel.*

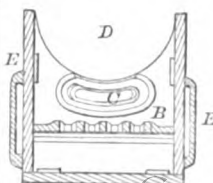
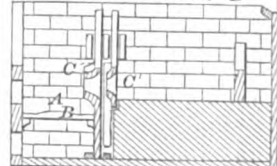
85682—F. W. Mallet—For Making Sewing Machine Needles.



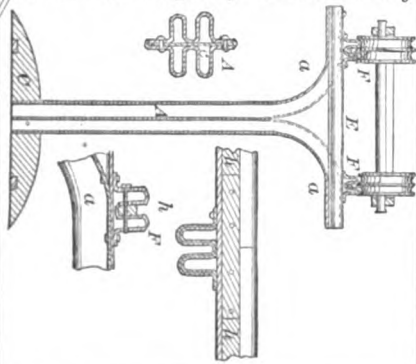
85685—T. H. Mortimer—Boat Detaching Apparatus.



85688—J. L. Paige—Steam Boiler Furnace, D



85684—R. Montgomery—Elevated Railway.

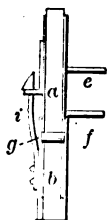
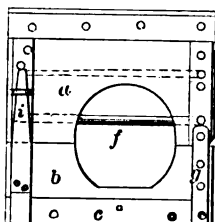


85686—D. Morton—Horse Hay Fork.

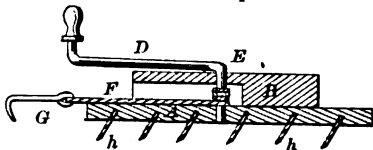




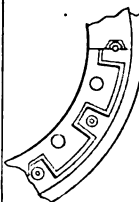
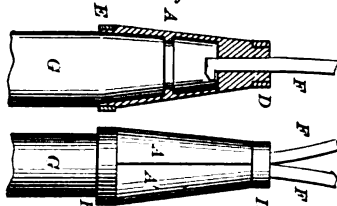
**85689—G. A. Parker—**  
*Horse Shoe.*



**85690—S. Pennock—***Carpet Stretcher.*



**85699—Schuyler & Crownshield—**  
*Pitchfork*



**85693—J. Raddin—***Car Wheel for Railways.*

**85692—W. E. Prall—***Railroad Ticket.*

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31

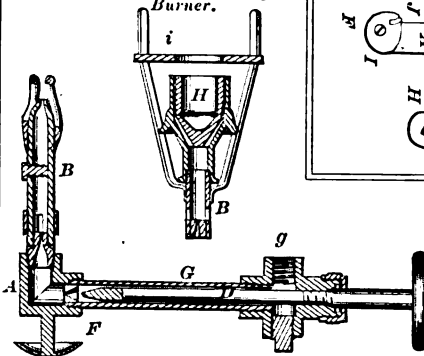
*Passenger Ticket.*

Good for one seat this day and trip only  
between the Stations not cut out.

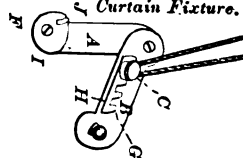
*Month's*

*Conductor's Coupon.*

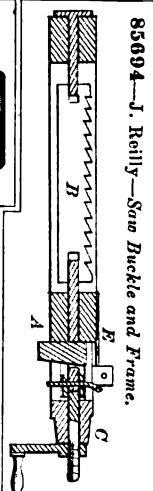
**85698—H. S. Saroni—***Vapor Burner.*



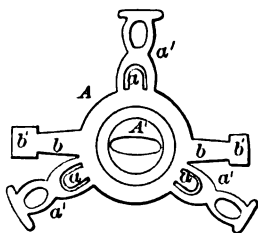
**85695—C. J. Roberts—***Curtain Fixture.*



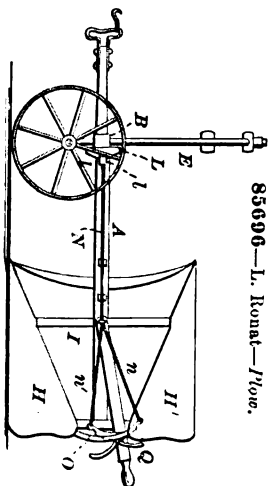
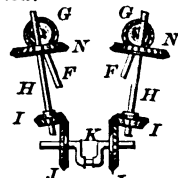
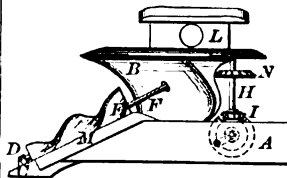
**85694—J. Reilly—***Saw Buckle and Frame.*



**85697—J. F. Sanford—***Lamp Burner.*

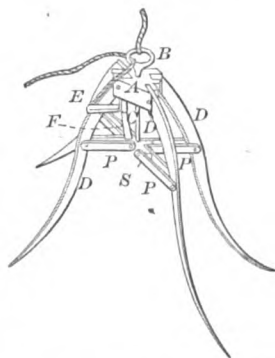


**85691—W. A. Plants—***Snow Plow.*

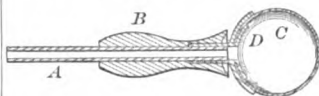


**85696—L. Ronat—***Plow.*

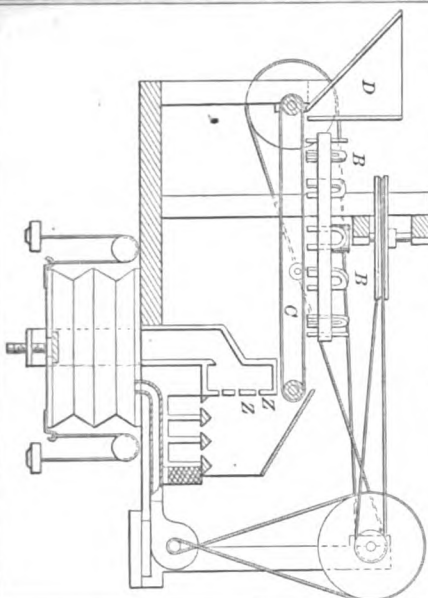
85702—R. S. Sheldon—*Horse Hay Fork.*



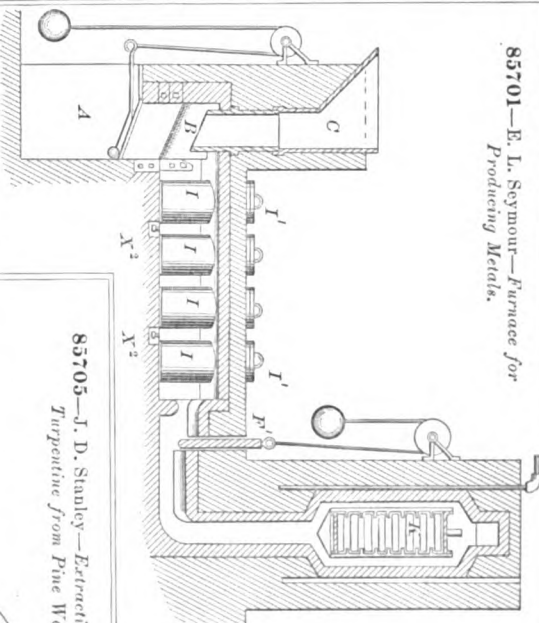
85704—Snow & Coe—*Toy Gun.*



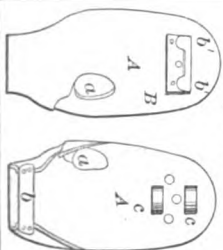
85700—E. L. Seymour—*For Separating and Concentrating Ores.*



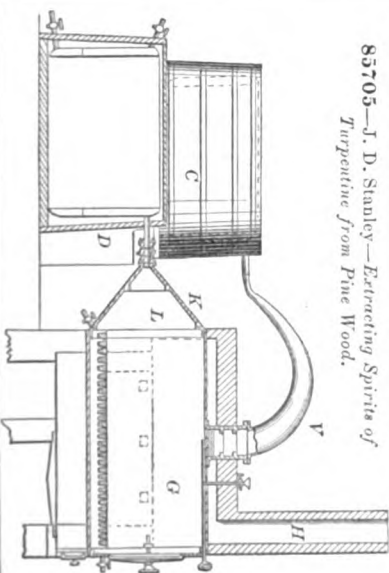
85701—E. L. Seymour—*Furnace for Producing Metals.*



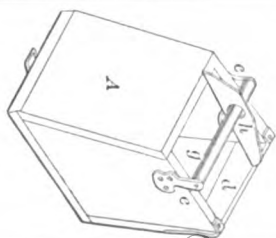
85707—J. H. Titus—*Husking Glove.*



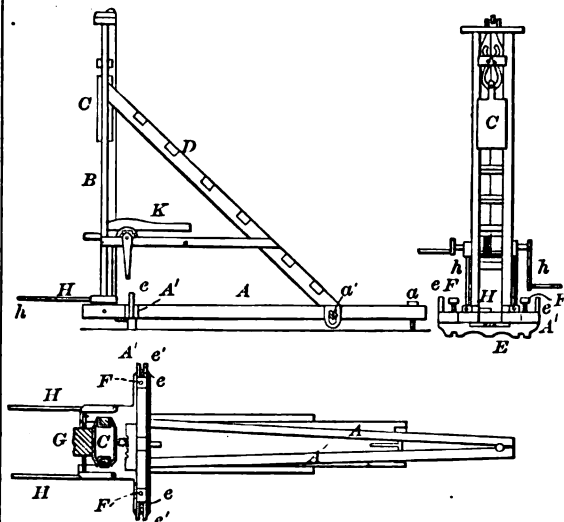
85705—J. D. Stanley—*Extracting Spirit of Turpentine from Pine Wood.*



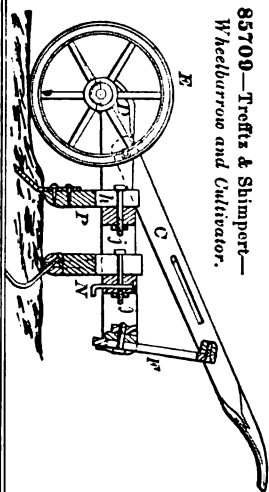
85706—J. H. Teah—*Dry Measure.*



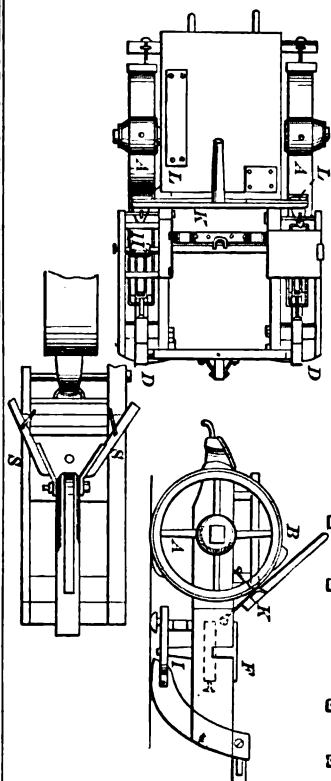
**85703—J. J. Simons—Pile Driver.**




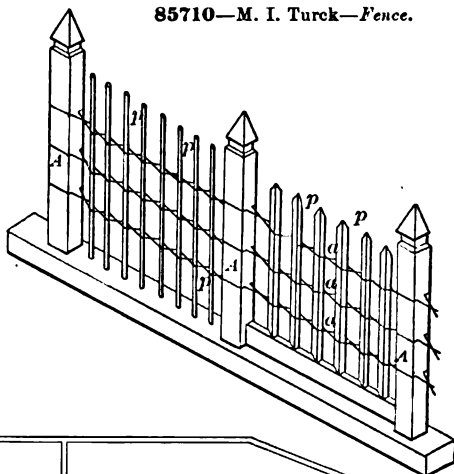
**85709—Treffz & Shimpert—  
Wheelbarrow and Cultivator.**



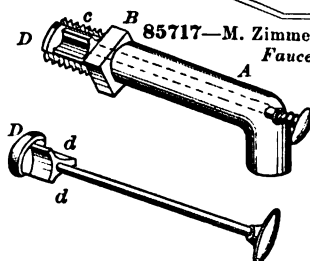
**85711—S. B. Ward—Seed Planter.**



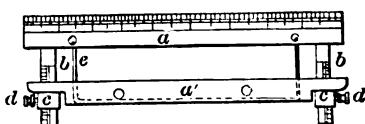
85710—M. I. Turck—*Fence.*



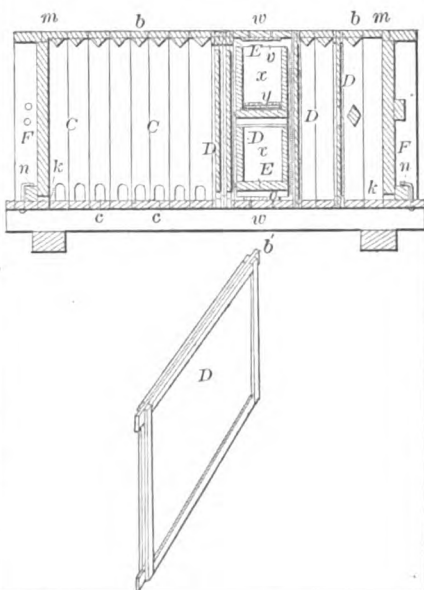
85717—M. Zimmerman—  
Faucet.



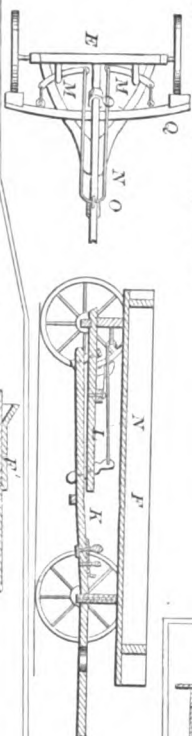
**85708—F. A. Traut—*Parallel Ruler.***



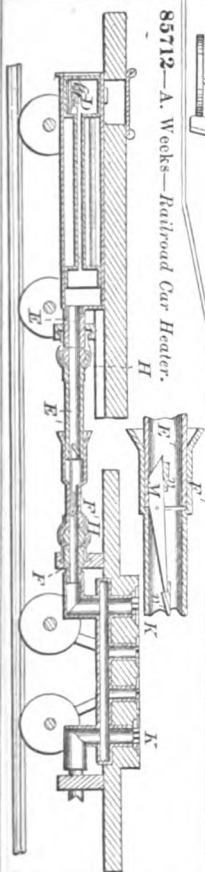
85716—A. T. Wright—*Beehive*.



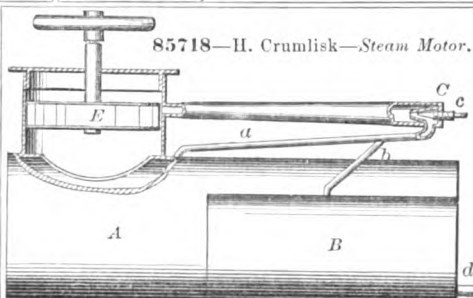
85715—L. Wolf—Wagon Brake.



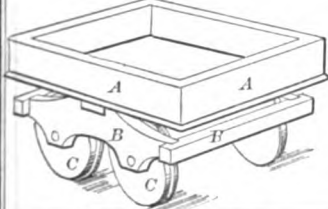
85712—A. Weeks—*Railroad Car Heater.*



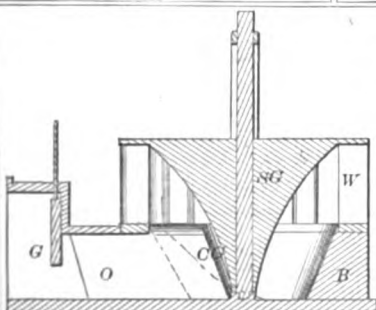
85718—H. Crumlisk—*Steam Motor.*



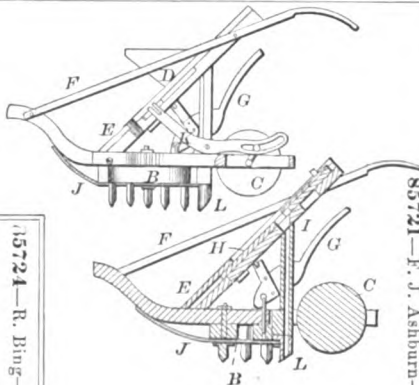
85720—P. H. Watson—*Railway Car.*



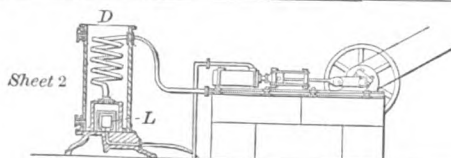
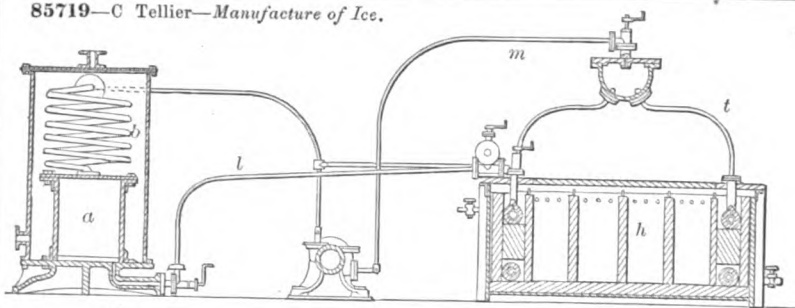
35724—R. Bing—Water Wheel.



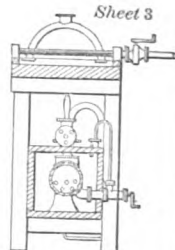
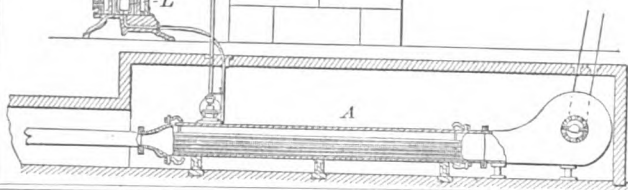
85721—F. J. Ashburn—*Corn Planter.*



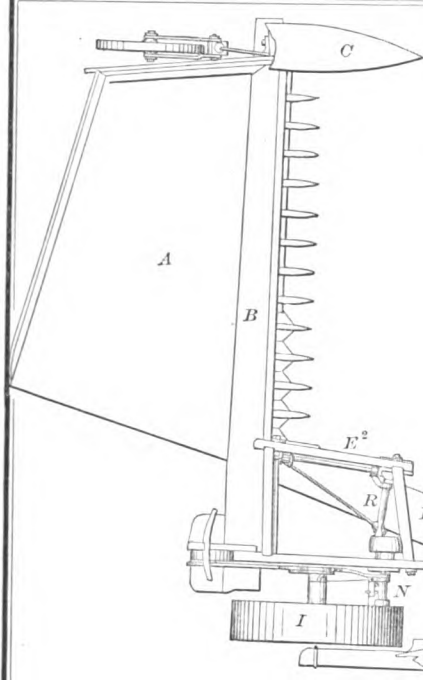
85719—C Tellier—Manufacture of Ice.



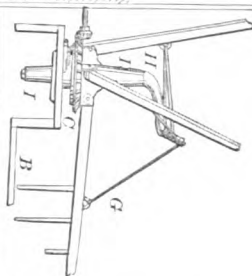
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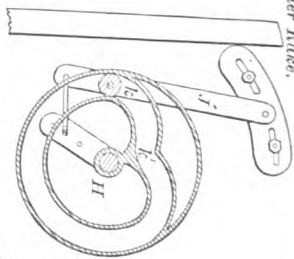
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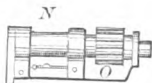
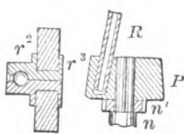
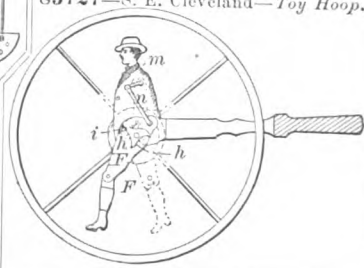
85722—J. Barnes—Harvester.



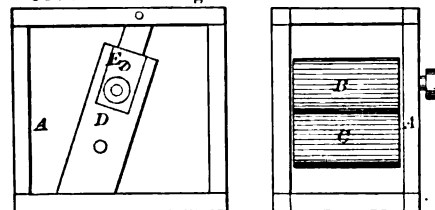
85723—J. Barnes—Harvester Rake.



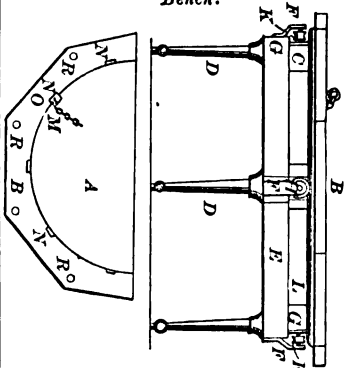
85727—S. E. Cleveland—Toy Hoop.



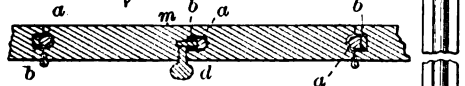
85725—B. S. Burgan—*Flax Boll Brake.*



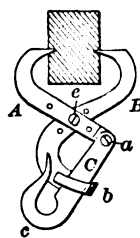
85731—W. Culveyhouse—*Tinners' Bench.*



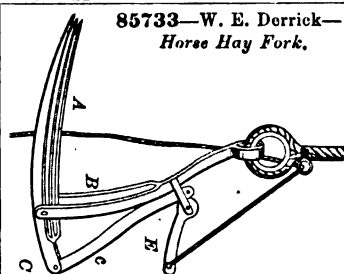
85729—D. Conlon—*Door and Window Tightener and Fastener.*



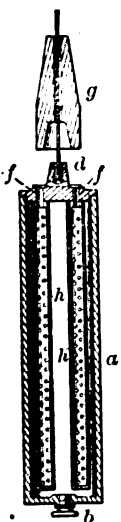
85734—W. E. Derrick—*Grapple for Suspending Horse Hay Forks.*



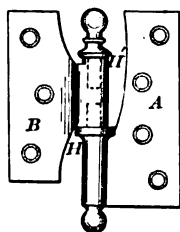
85733—W. E. Derrick—*Horse Hay Fork.*



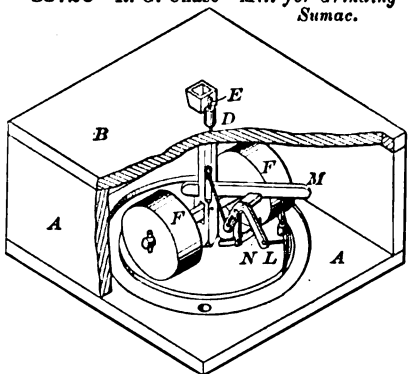
85730—F. Crocker—*Torpedo for Oil Wells.*



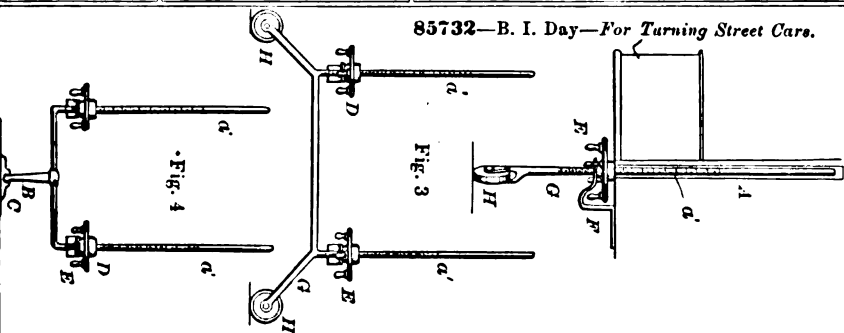
85728—C. Cole—*Hinge.*

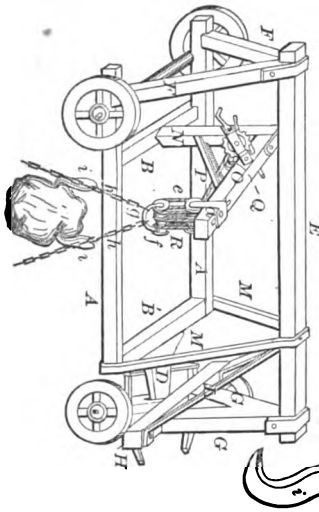


85726—R. G. Chase—*Mill for Grinding Sumac.*



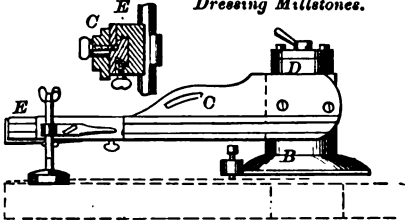
85732—B. I. Day—*For Turning Street Cars.*



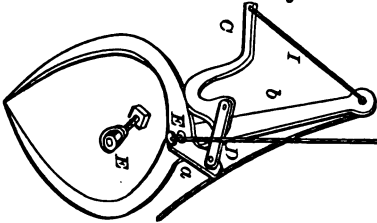


85735—H. Fleming—Stone and Stump Raising Machine.

85737—J. T. Gilmore—For Trimming and Dressing Millstones.



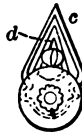
85739—L. Haverstick—Horse Hay Fork.



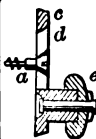
85741—W. T. Huntington—Earth Boring Instrument.



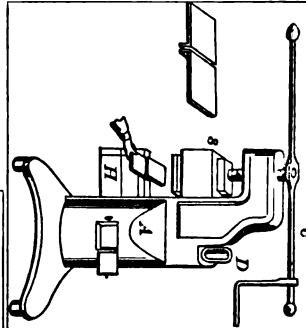
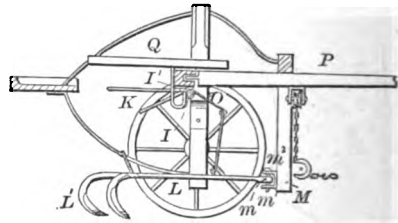
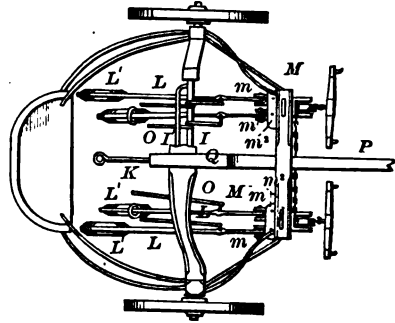
85744—T. Lewis—Vaginal Injection Syringe for Syringes.



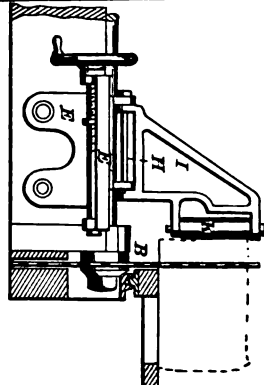
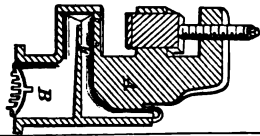
85738—W. D. Gridley—Picture Hook.



85736—I. B. Gilbert—Cultivator.

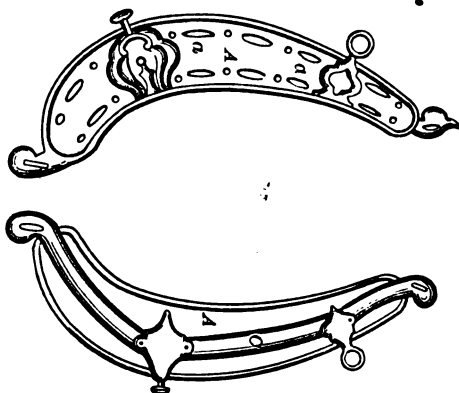


85742—J. Le Comte—Uniting Sheet Metal Plates.

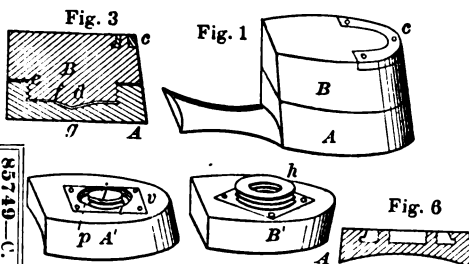


85740—O. A. & W. P. Horn—Gauge for Circular Saws.

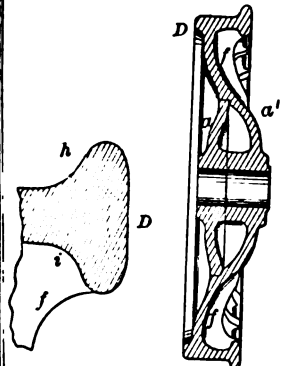
85747—C. K. Marshall—Horse Collar.



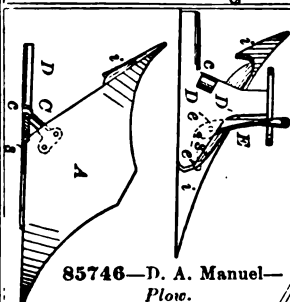
85748—G. W. Martin—Boot and Shoe Heel.



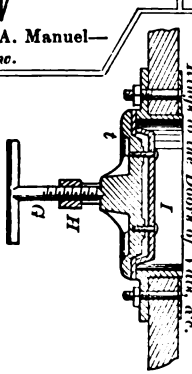
85745—G. G. Lobdell—Car Wheel.



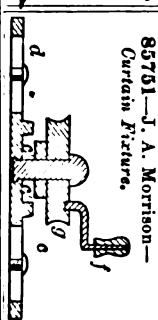
85746—D. A. Manuel—Plow.



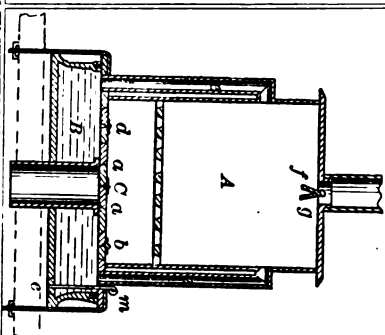
85749—C. H. Mellor—Novelty Rubber Rings to the Doors of Litter, &c.



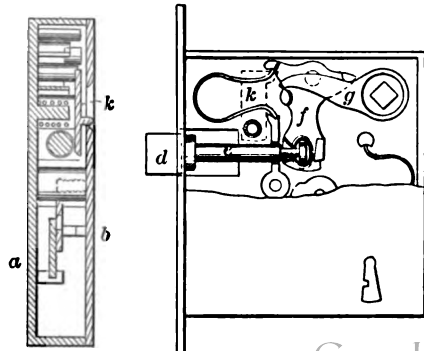
85751—J. A. Morrison—Curtain Fixture.



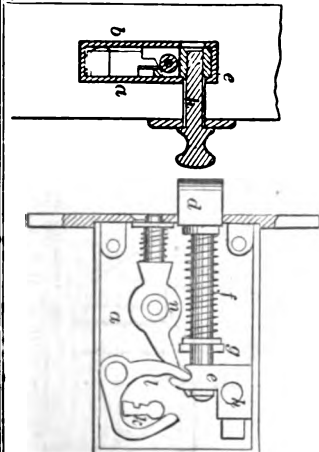
85750—J. Minor—Railroad Car Store.



85754—W. T. Munger—Reversible Latch.

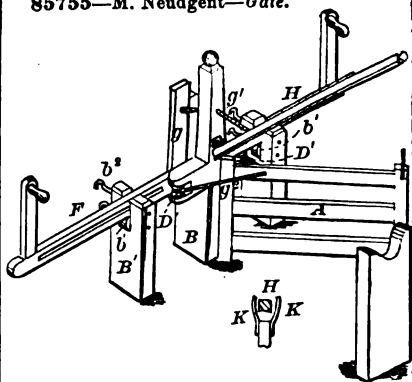


85753—W. T. Munger—Reversible Latch.

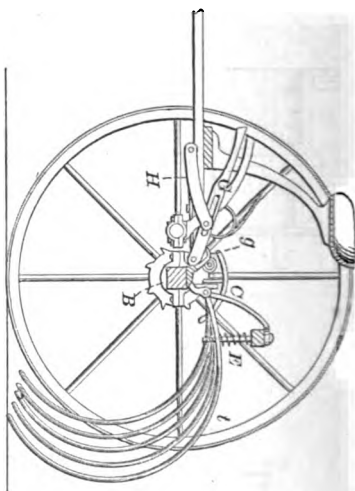




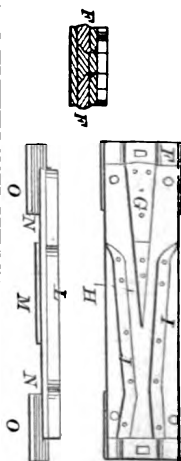
85755—M. Neudgent—Gate.



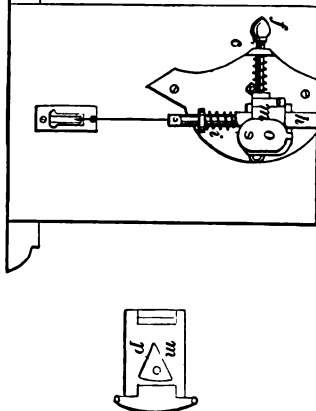
85757—S. R. Nye—Horse Rake.



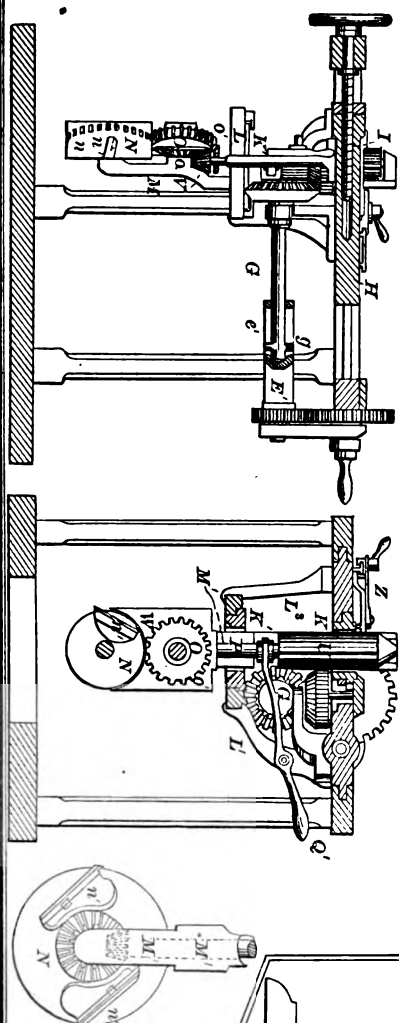
85768—S. Parker—Railing F'og.



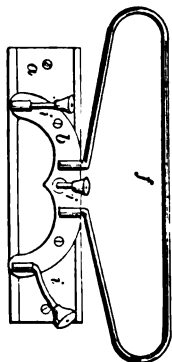
85759—C. Penfield—Door Bell.



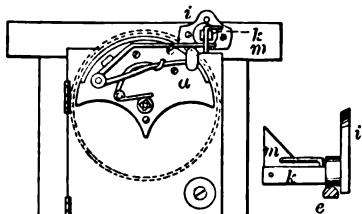
85752—P. A. Mowers—Mortising Machine.



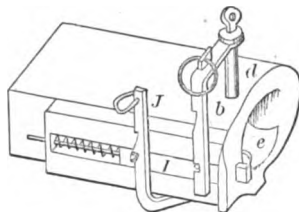
85756—O. A. North—Clothes Hook.



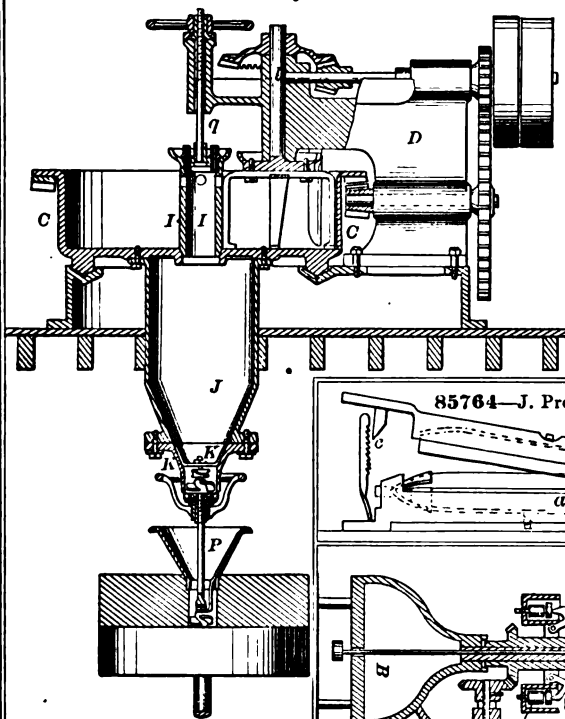
85760—C. Penfield—Alarm Bell.



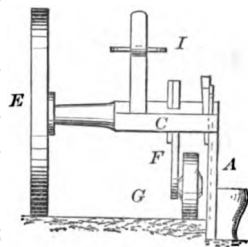
85767—A. G. Ritz—Car Coupling.



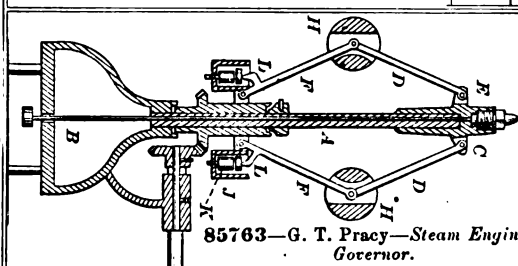
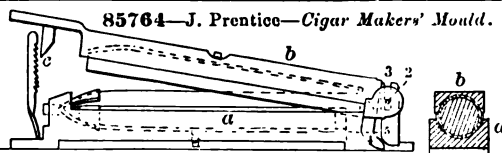
85762—R. Poole—For Mixing Paints and Chemicals.



85768—J. Root—Plow.

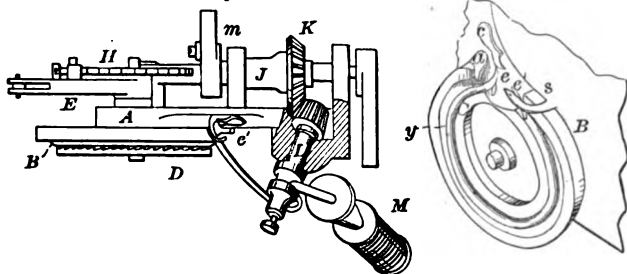


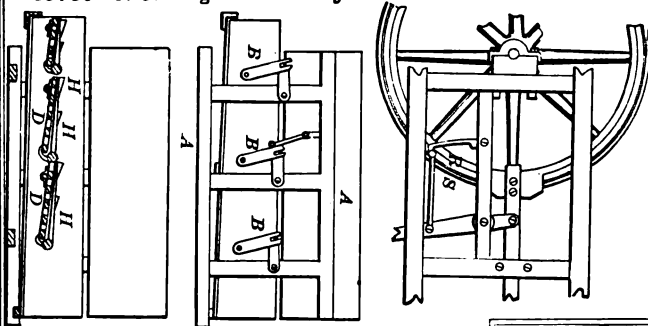
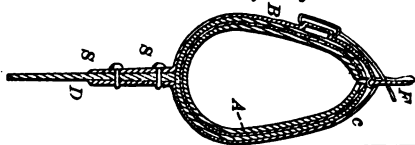
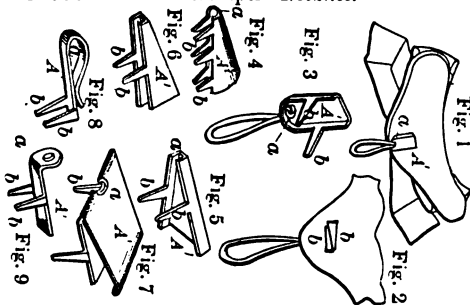
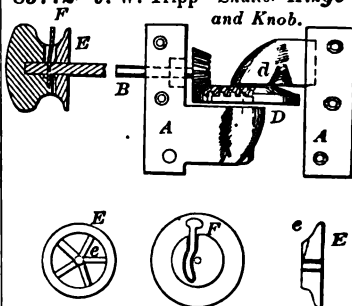
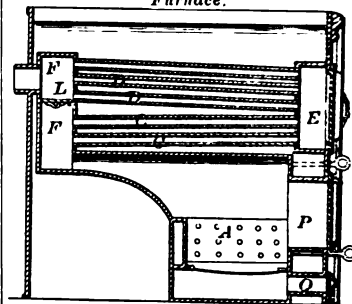
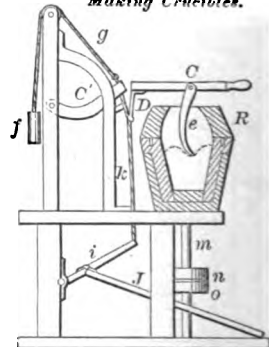
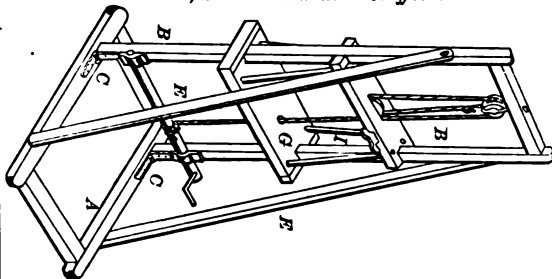
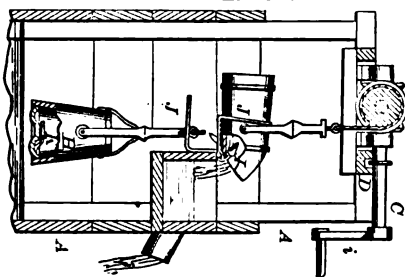
85764—J. Prentice—Cigar Makers' Mould.



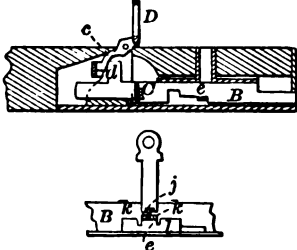
85763—G. T. Pracy—Steam Engine Governor.

85765—J. D. Reiff—Knitting Machine.

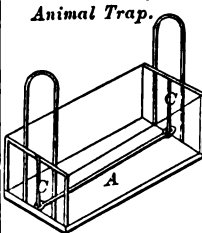


85769—J. U. Slingluff—*Threshing Machine.*85770—J. Sperry—*Sawge for Saw Teeth.*85771—J. E. Stuber—*Shaft Tug.*85773—B. F. Weishampel—*Neckties.*85772—J. W. Tripp—*Shutter Hinge and Knob.*85774—J. W. Wentworth—*Hot Air Furnace.*85775—J. Winkle—*For Making Crucibles.*85777—Anderson, Smith & Wallace—*Scaffold.*85778—G. M. Atherton—*Water Elevator.*

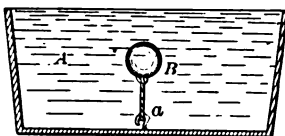
85776—H. Ahrend—Door Lock.



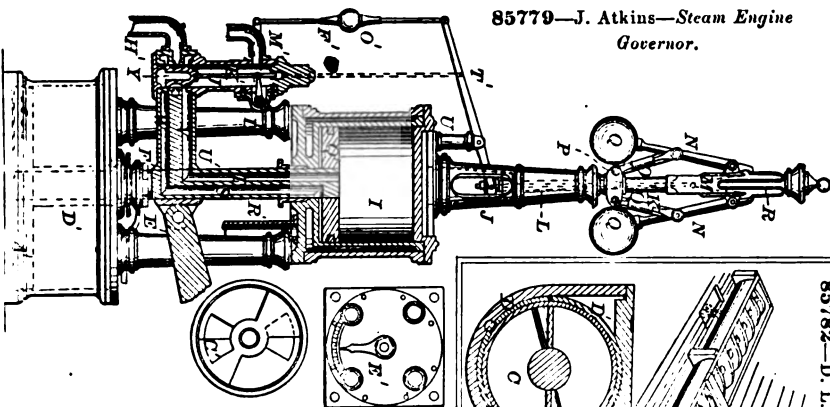
85780—S. Ayres—Animal Trap.



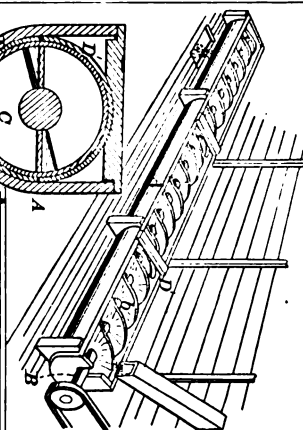
85781—B. T. Babbitt—For the Formation of Ice.



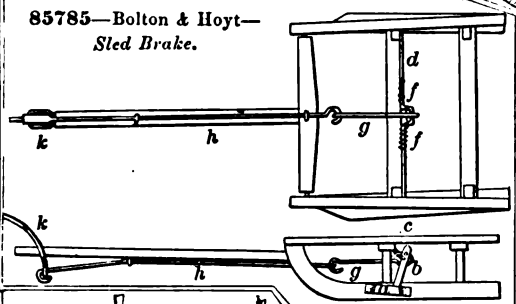
85779—J. Atkins—Steam Engine Governor.



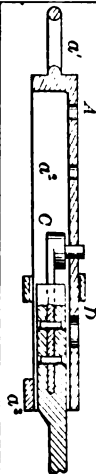
85782—D. L. Bartlett—Grain Conveyor.



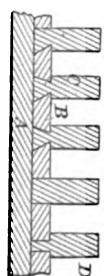
85785—Bolton & Hoyt—Sled Brake.



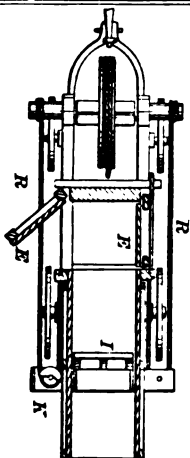
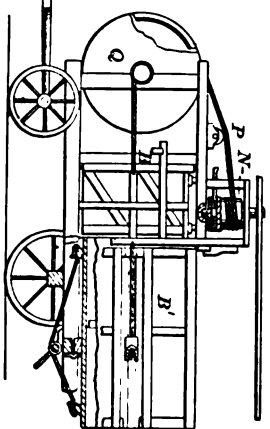
85784—S. D. Bingham—Hawse Cock Eye.



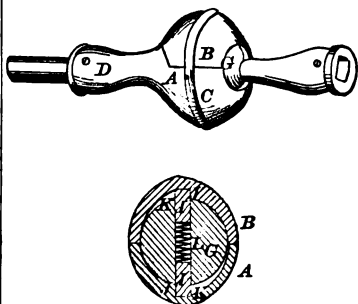
85786—Brooklebank & Trauer—Wooden Pavement.



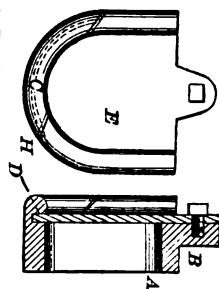
85783—J. Berkeley—Lifting Press.



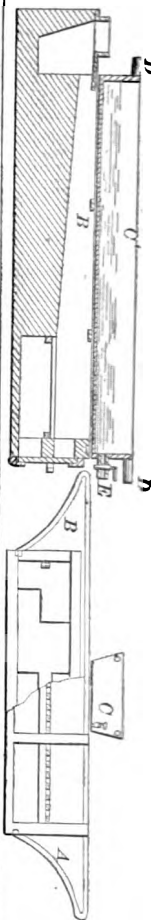
85787—J. Bruno, Jr.—*Unniversal  
Globe Joint.*



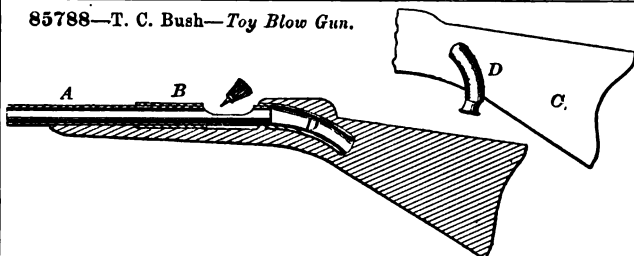
85793—J. C. Creed—*Railroad Car  
Axle Box.*



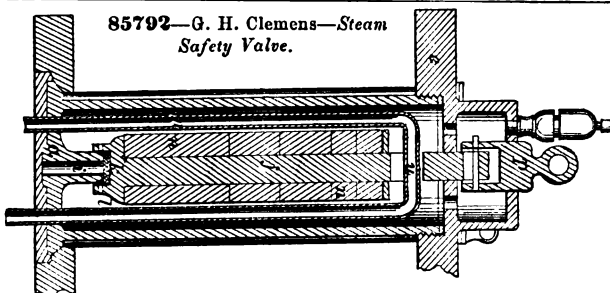
85791—E. Chittisor—*Evaporating Apparatus.*



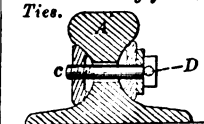
85788—T. C. Bush—*Toy Blow Gun.*



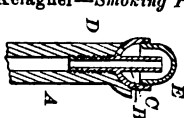
85792—G. H. Clemens—*Steam  
Safety Valve.*



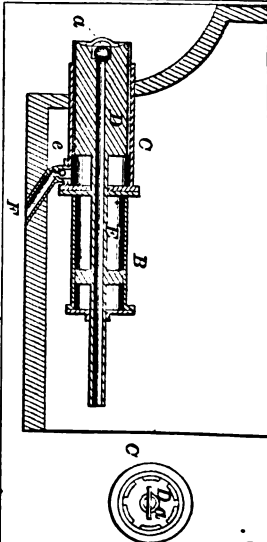
85794—C. H. Crosby—*Bolt Fastening for Rail  
Ties.*



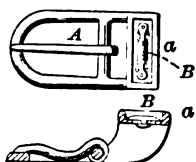
85795—Courtney &  
Kolagher—*Smoking Pipe.*



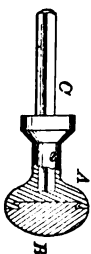
85780—S. D. Carpenter—*Propelling Apparatus.*



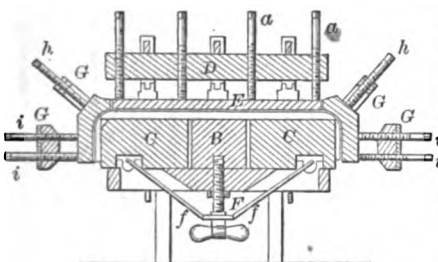
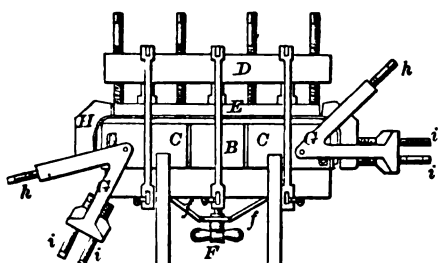
85798—E. S. Dawson—*Harness Buckle.*



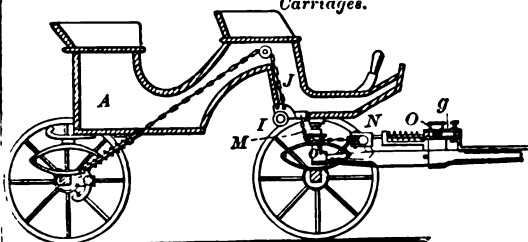
85799—E. Day—*Door Knob.*



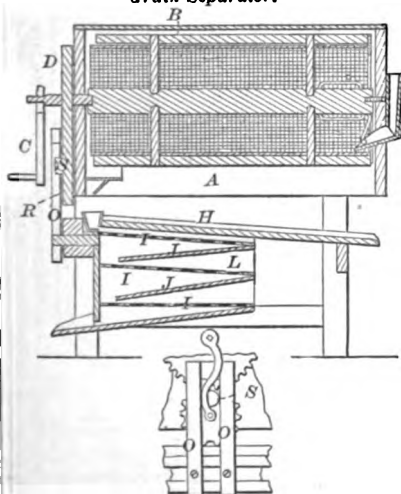
85800—D. Decker—Veneer Press.



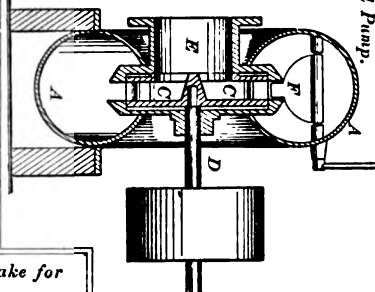
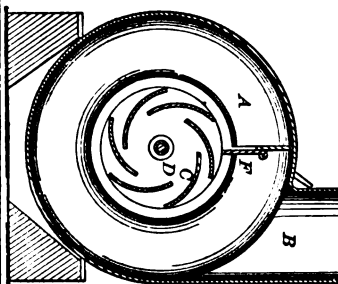
85803—C. Ducreux—Safety Attachment and Brake for Carriages.



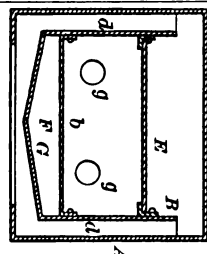
85801—Denton, Shannon & Lucas—Grain Separator.



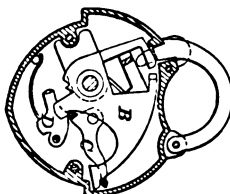
85802—H. A. Due, Jr.—Centrifugal Pump.



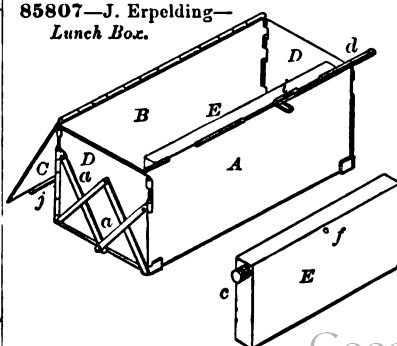
85804—L. A. & W. G. Duval—Gas Heater.



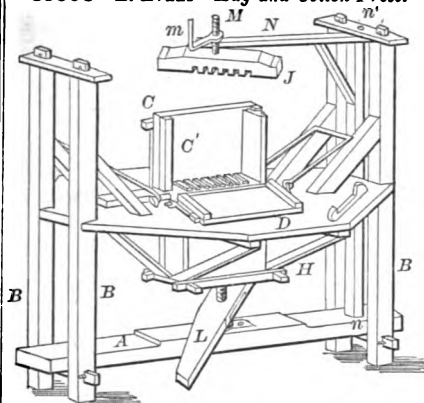
85805—L. Effner—Padlock.



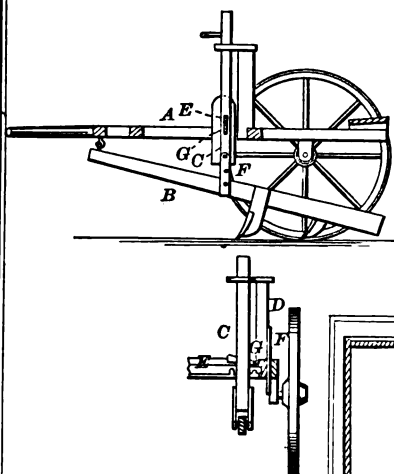
85807—J. Erpelding—Lunch Box.



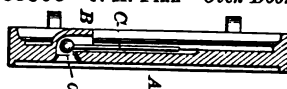
85808—E. Evans—Hay and Cotton Press.



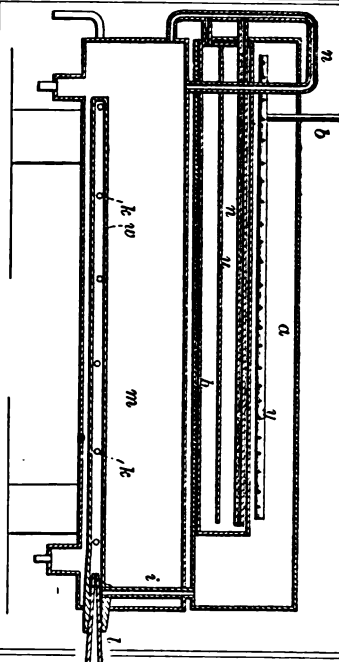
85812—J. G. B. Gill—Cultivator.



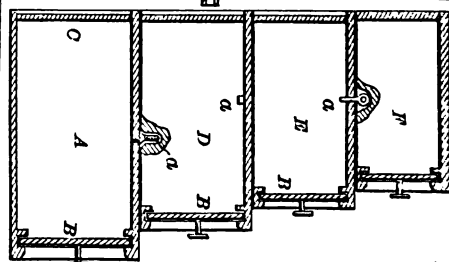
85809—C. H. Finn—Oven Door.



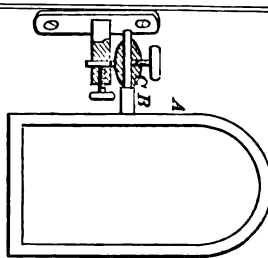
85910—S. Gibbons—Still for Rectifying and Distilling Oil.



85811—E. Gill—Purser.



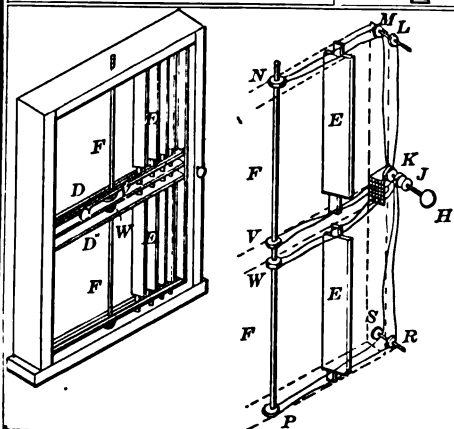
85815—C. W. Halsemark—Mirror Frame.



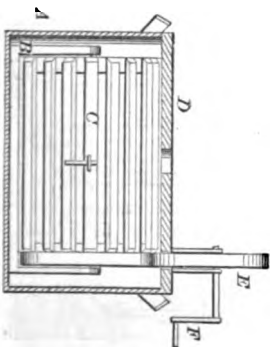
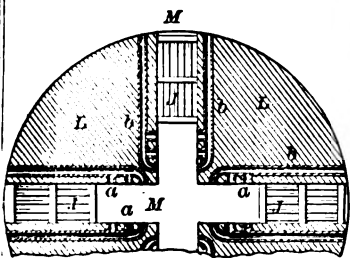
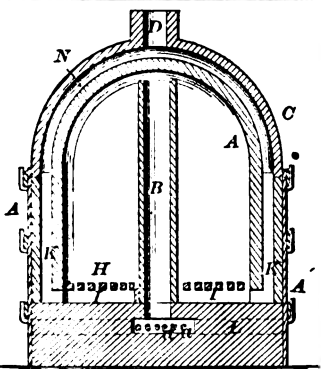
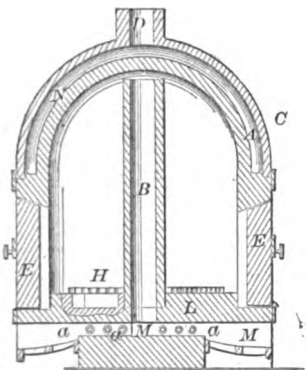
85814—C. Guidet—Pavement.



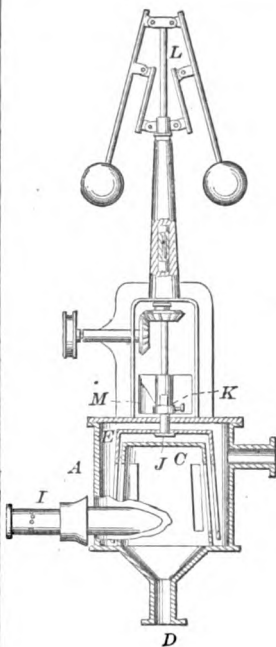
85818—J. Harding—Window Blind.



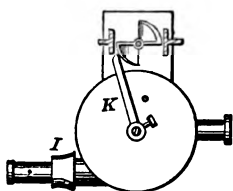
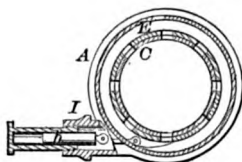
85813—J. Green—*Burning Kiln.*



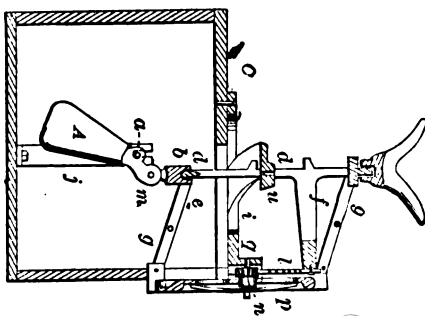
85821—L. Hernance—*Washing Machine.*



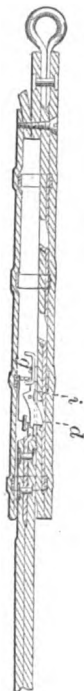
85817—T. Hansbrow—*Steam Engine Cut-off.*



85816—S. S. Hamilton—*Weighing Scale.*



85820—S. C. Hawkins—*Trace Fastening.*





85819—J. L. Haven—Grindstone Journal Box.

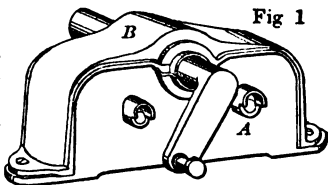


Fig. 1

Fig. 3

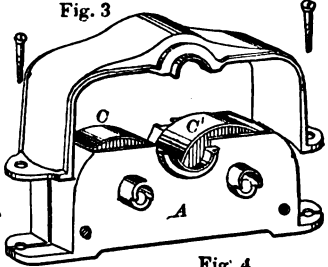


Fig. 2

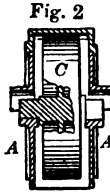
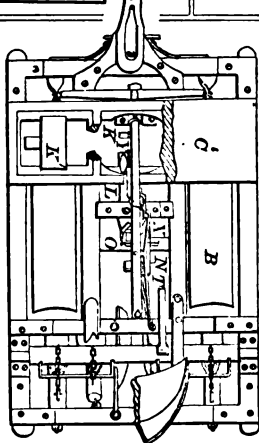
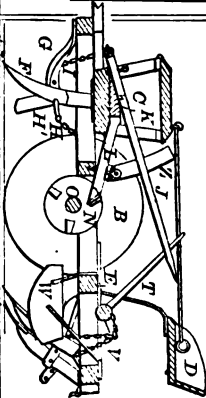
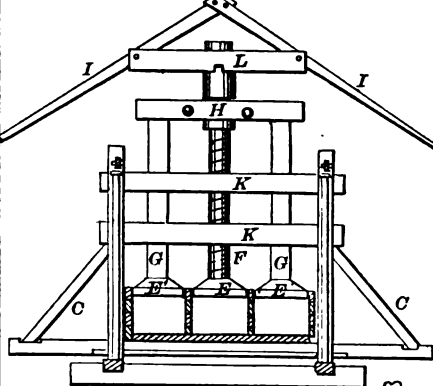


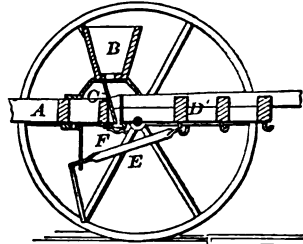
Fig. 4



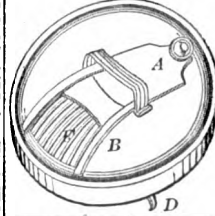
85822—D. H. Hill—Baling Press.



85824—P. F. Hodges—Grain Drill.



85827—V. R. Holmes—Kettle Cover.

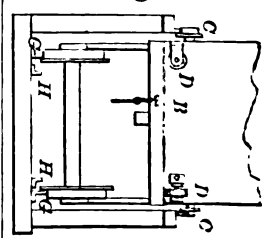
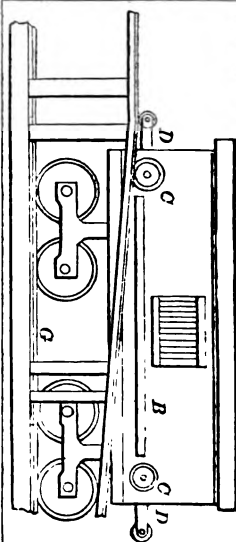


85830—Julian &amp; Kidnocker—Chain Belt.

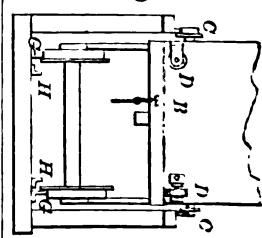
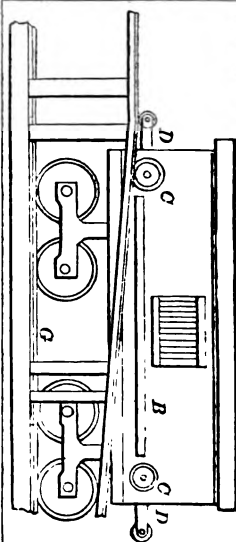
85823—A. C. Hobbs—Wad Greasing Apparatus.



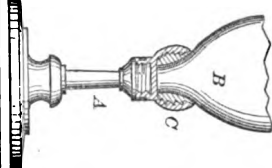
85826—J. W. Hollaman—Corn Planter and Cutter.



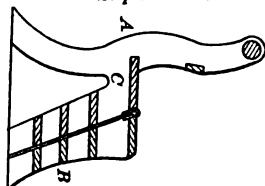
85829—J. H. James, Jr.—Port Transferring Machine.



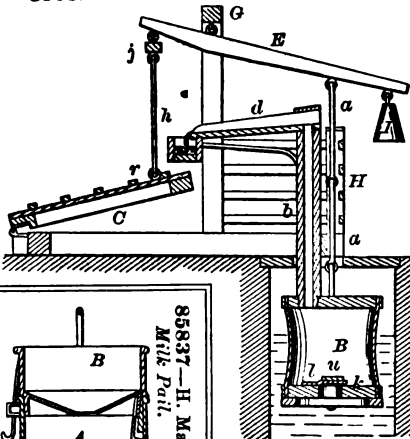
85834—T. Leach—Goblet.



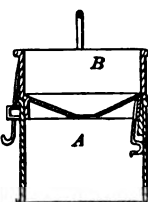
85835—A. Madson—Chair and Step Ladder.



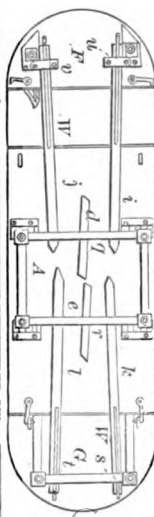
85832—D. J. Keller—Cattle Pump.



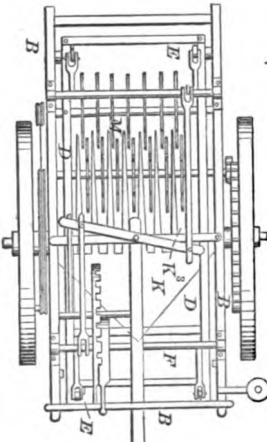
85837—H. Marshall—Milk Pail.



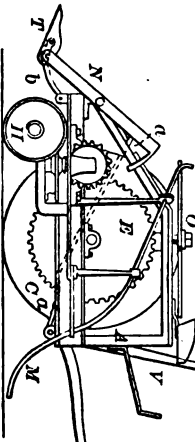
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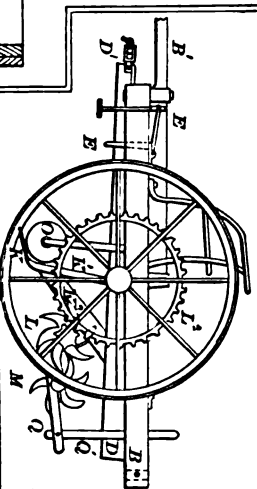
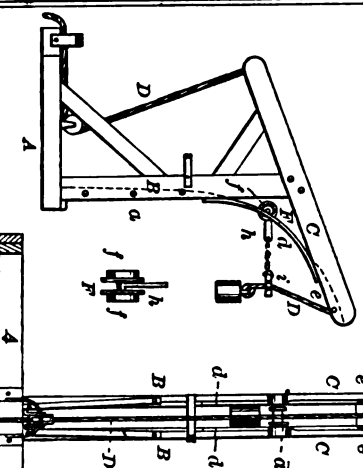
85833—S. Kimman—Potato Digger.



85828—Husper & Sellers—Corn Harvester.

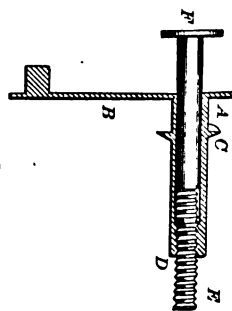
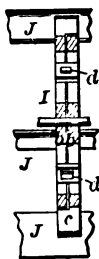
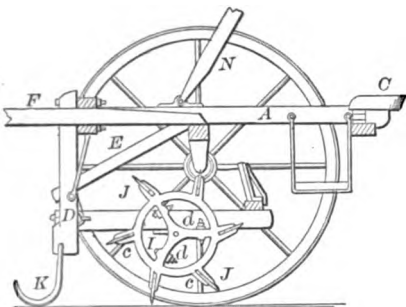


85831—G. E. Johnston—Hay Derrick.



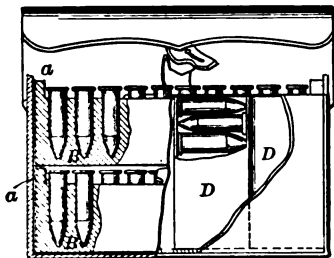


85847—R. B. & J. R. Parks—Stalk Cutter.

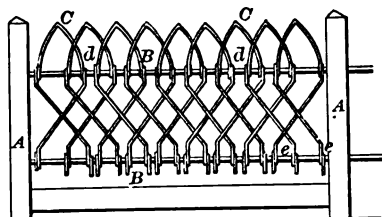


85850—T. J. W. Porter—Bench Pin.

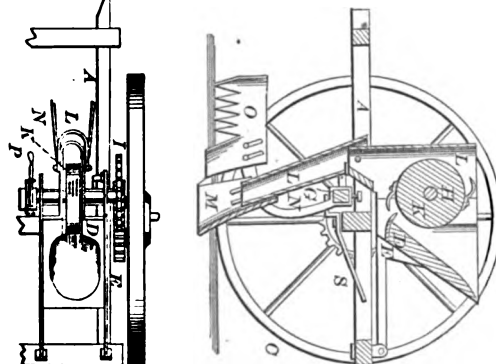
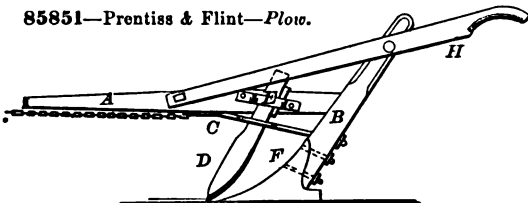
85849—J. I. Pittman—Cartridge Box.



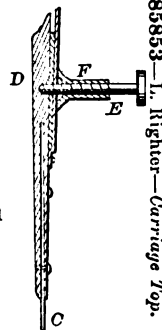
85852—J. J. Reicherts—Fence.



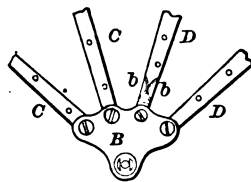
85851—Prentiss & Flint—Plow.



85854—Robb & Allison—Seed Planter.

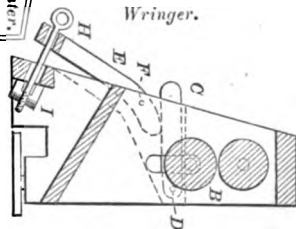
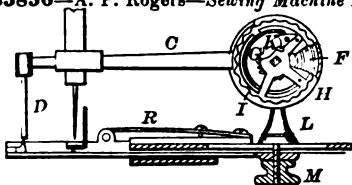


85853—L. Richter—Carriage Top.

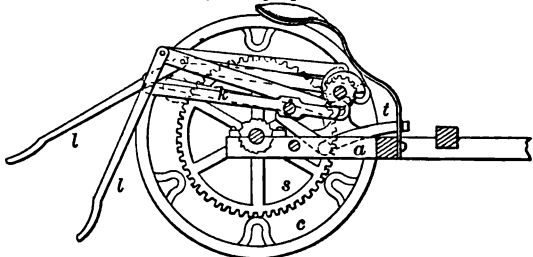


85857—M. Romans—Wringer.

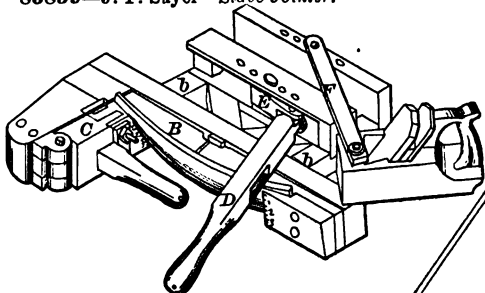
85856—A. P. Rogers—Sewing Machine Attachment.



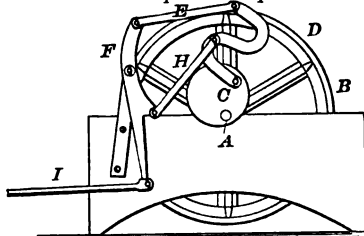
85858—G. T. Savary—Hay Spreader.



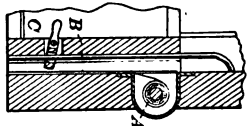
85859—J. F. Sayer—Stave Joiner.



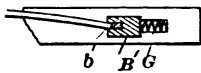
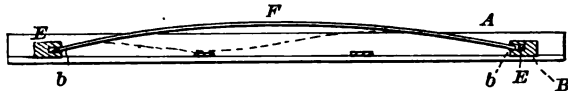
85864—J. Simpson—Compound Lever.



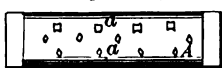
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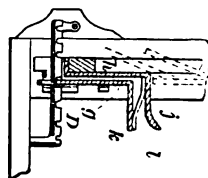
85866—O. W. Stanford—Bed Bottom.



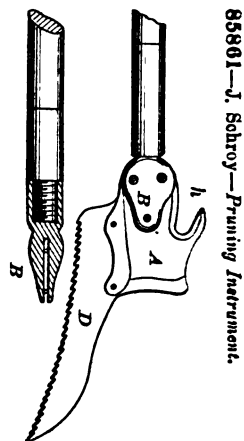
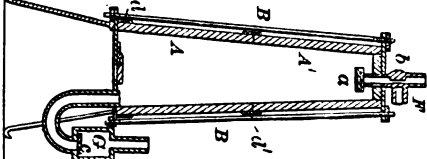
85865—H. Spaulding—Threshing Knife.



85867—S. F. Stanton—Blind Fastener.

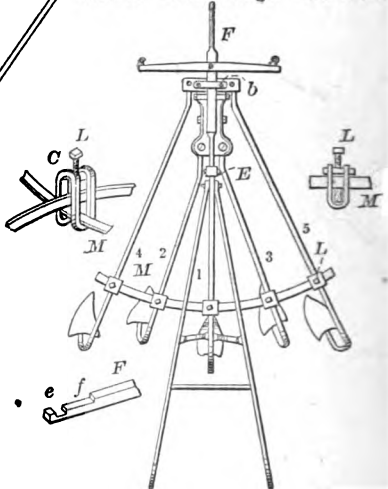


85868—Stevens &amp; Denton—Water Elevator.

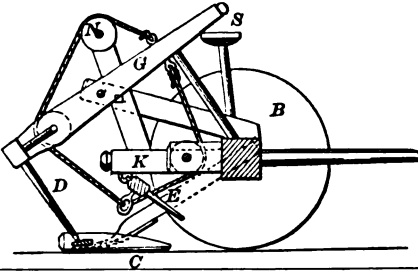


85861—J. Schroy—Pruning Instrument.

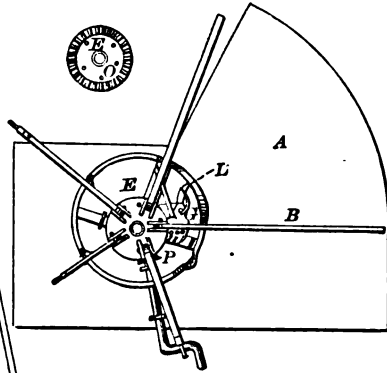
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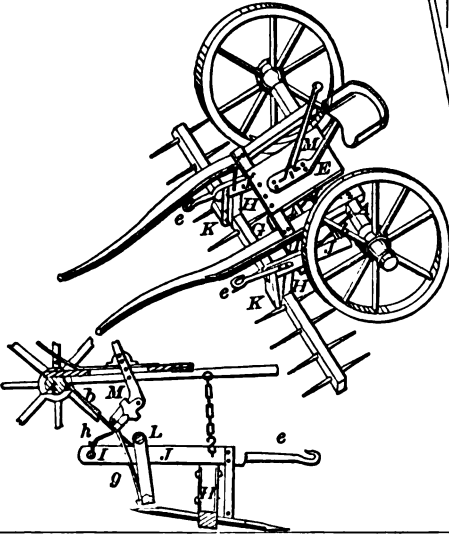
85869—W. Stinson—Horse Rake.



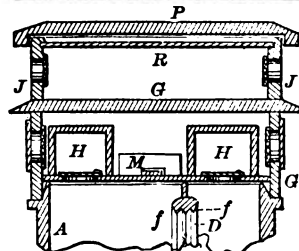
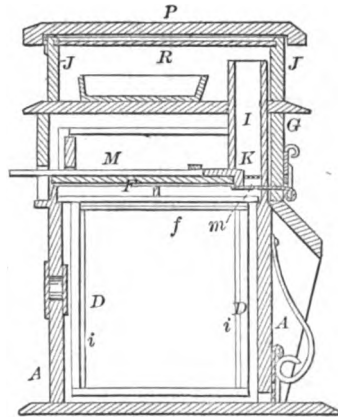
85870—O. O. Storle—Harvester Rake.



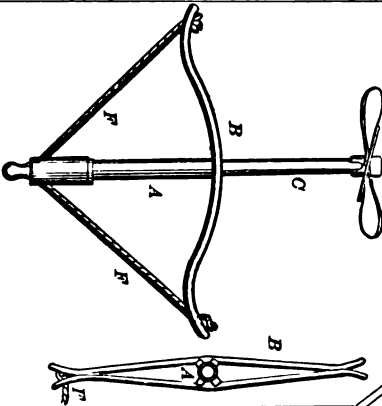
85872—E. Sweet—Horse Rake.



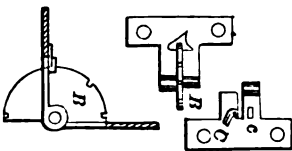
85878—T. Webb—Beehive.



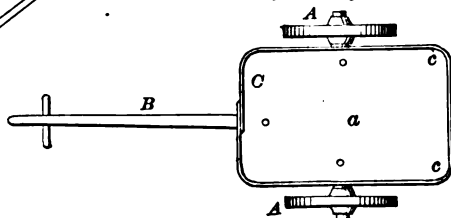
85874—H. Tilden—Toy Bow Gun.

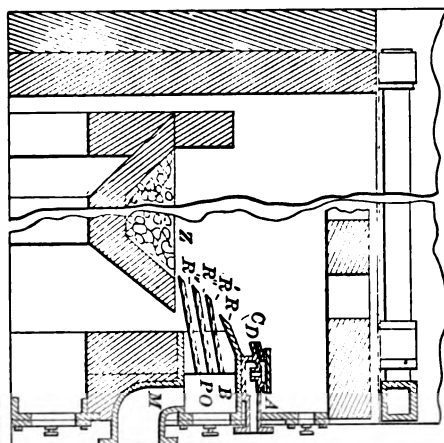


85876—M. Umstadler—Hinge Stop.



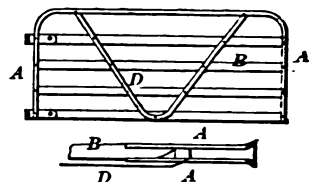
85873—A. L. Taylor—Toy Cart.



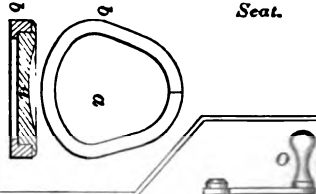


85877—L. Verstraet—Hydro-Carbon Burner.

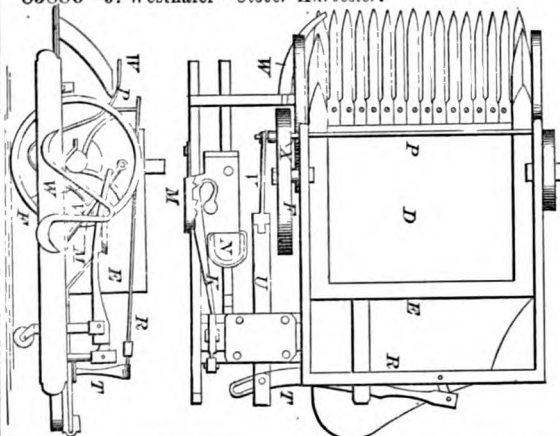
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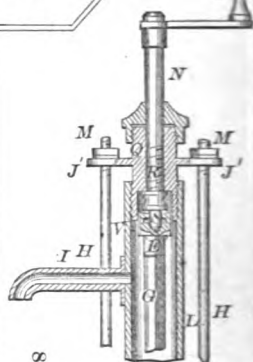
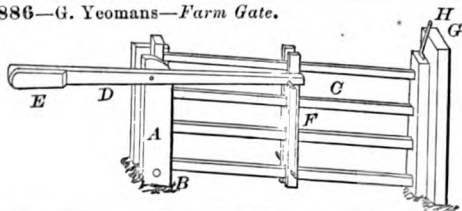
85883—G. C. Winchester—Chair Seat.



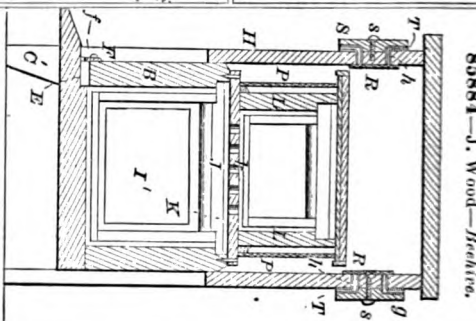
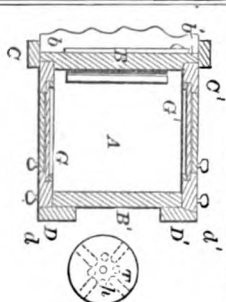
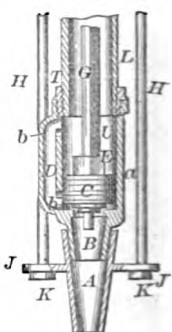
85880—J. Westhafer—Clover Harvester.



85886—G. Yeomans—Farm Gate.

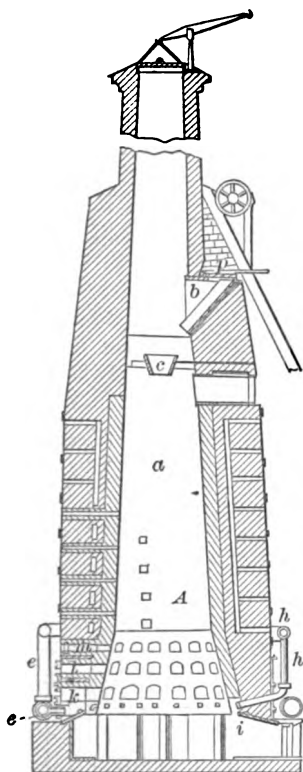


85879—L. W. Werner—Hydrant.

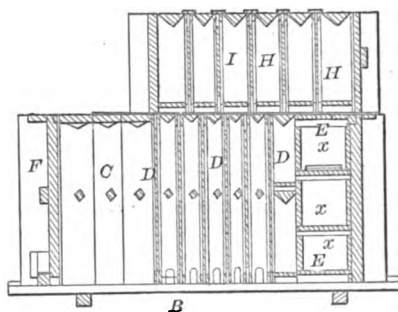
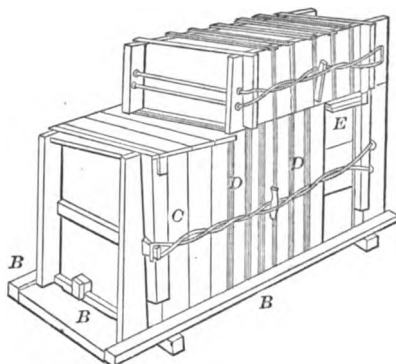


85884—J. Wood—Beehive.

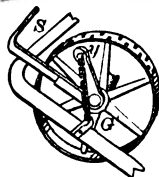
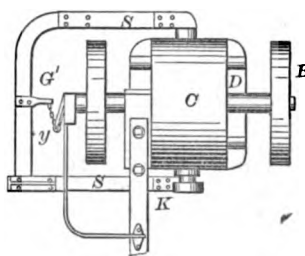
85881—E. Westman—For Roasting and Catching Ore.



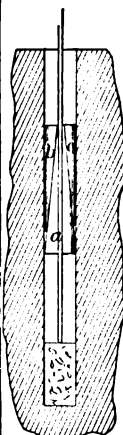
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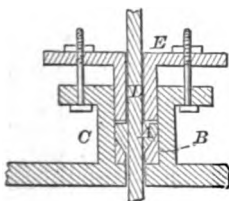
85887—G. W. N. Yost—Harvester.



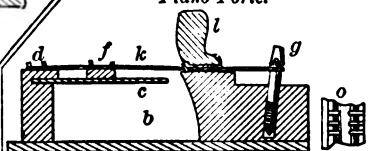
85888—H. Ball—Tamping Plug.



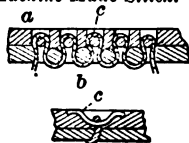
85890—O. H. Jewell—Piston Rod Packing.



85889—A. V. T. Barberie—Piano Forte.

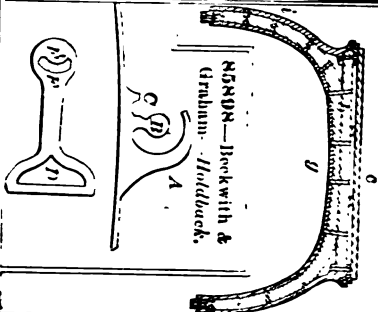
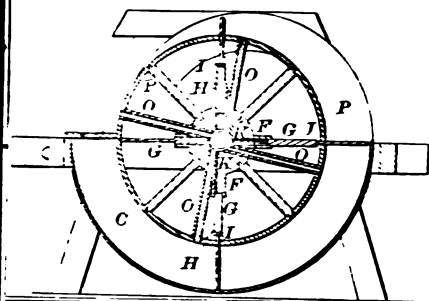


85891—T. K. Reed—Machine Made Stitch:

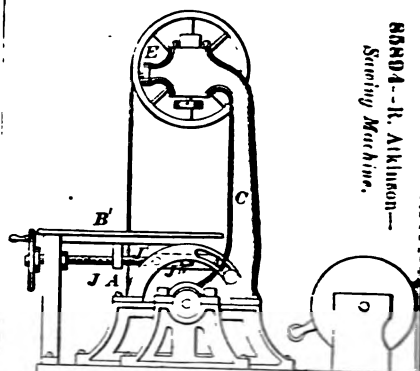




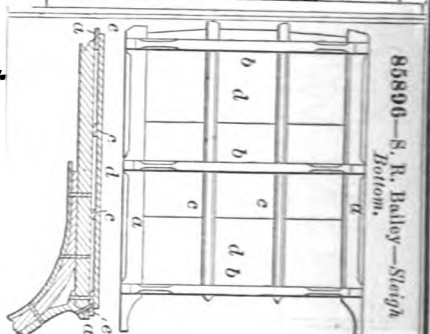
85892—E. Adams—Water Wheel.



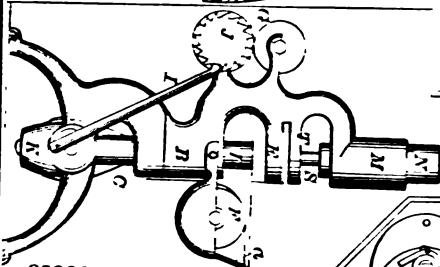
85895—N. R. Bailey—Sleigh.



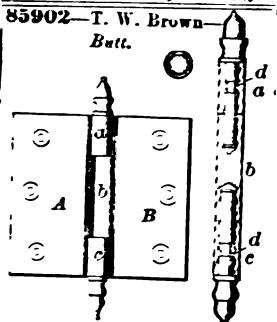
85894—H. Atkinson—Sewing Machine.



85896—N. R. Bailey—Sleigh Bottom.

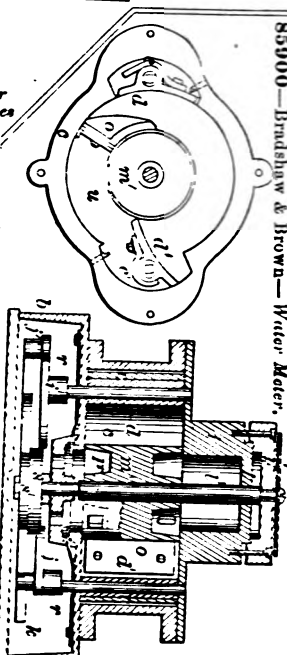
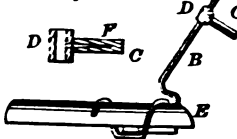


85899—F. F. Bradley—For Applying Strengthening Patches to Button Holes of Collars.

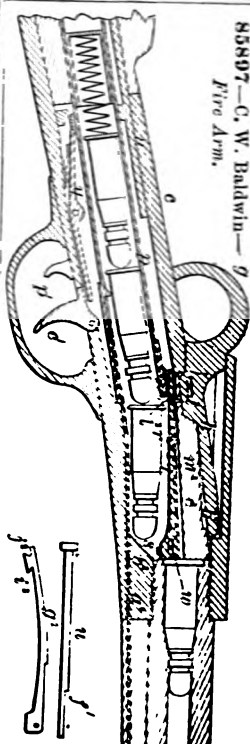


85902—T. W. Brown—Butt.

85901—A. G. Brewer—Pedal for Pianos.



85900—Brushaw &amp; Brown—Water Meter.



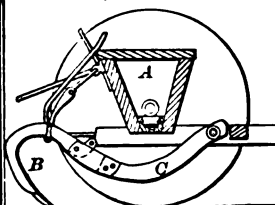
85897—C. W. Baldwin—Fire Arm.



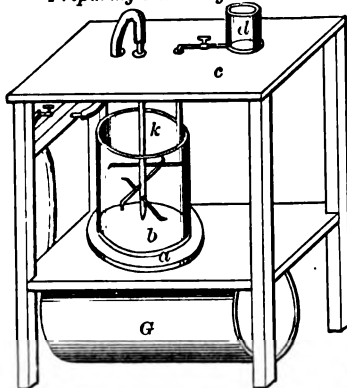
85903—W. Calhoun—*Bung.*



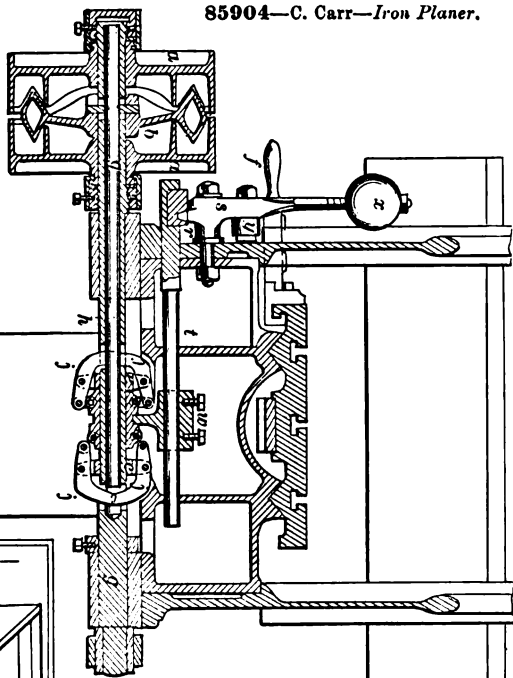
85907—Clark & Whitney—*Seed Sower.*



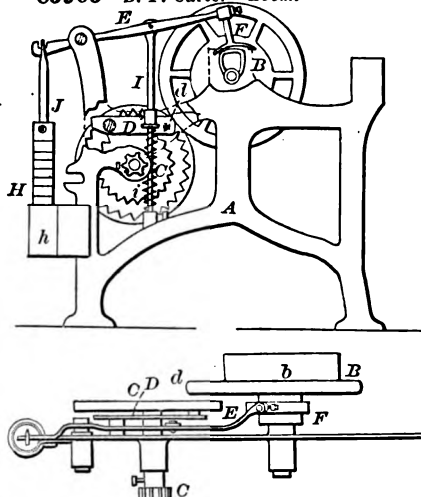
85906—Chester & Bürstenbinder—*Preparing Nitro-Glycerine.*



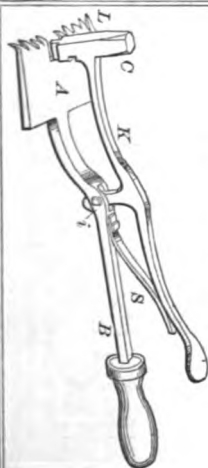
85904—C. Carr—*Iron Planer.*



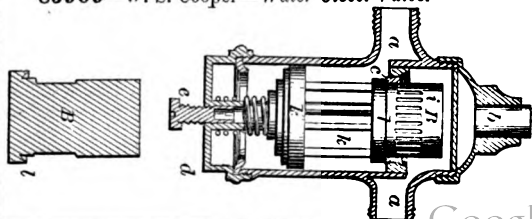
85905—B. F. Carter—*Loom.*



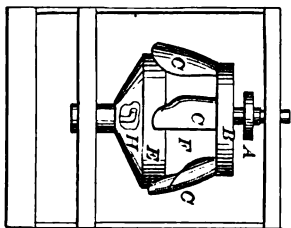
85908—Colby & Gilman—*Carpet Stretcher, Tuck Driver and Puller.*



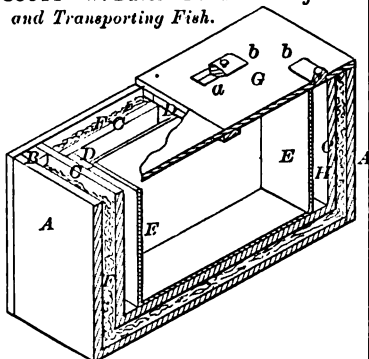
85909—W. S. Cooper—*Water Closet Valve.*



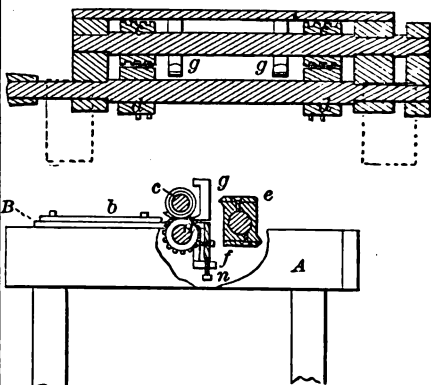
**85910**—A. W. Cram—Condenser for Spirits, Steam and other Vapors.



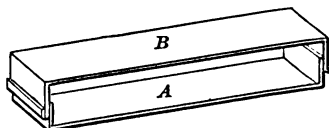
**85914**—W. Davis—For Preserving and Transporting Fish.



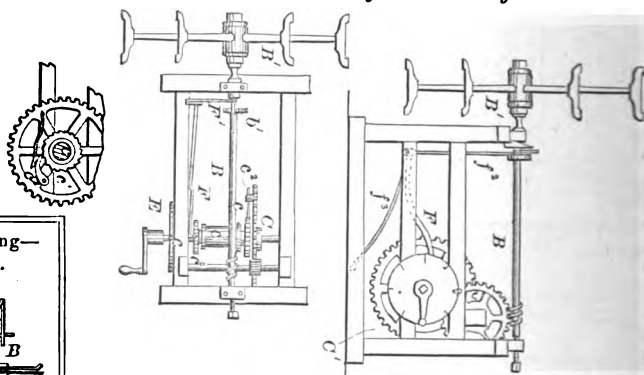
**85911**—J. H. & W. H. Crawford—For Cutting Shingle Bands.



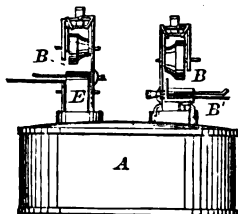
**85913**—W. Davis—Freezing Box for Fish, &c.



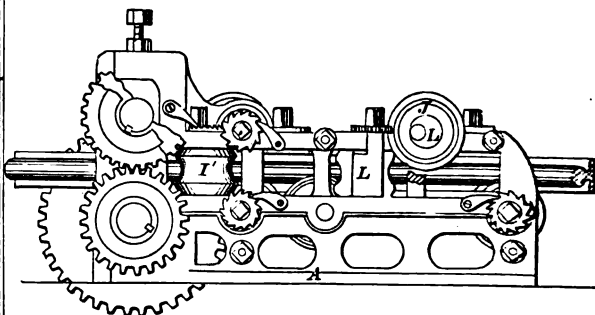
**85916**—W. A. Ditson—Reeling and Measuring Yarn.



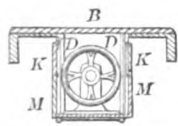
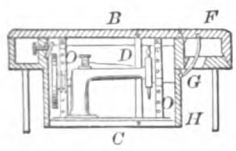
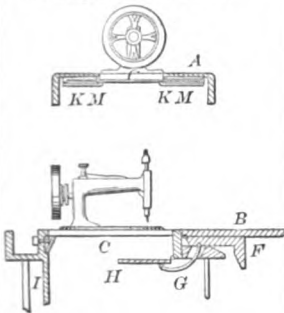
**85915**—B. De Long—Mucilage Bottle.



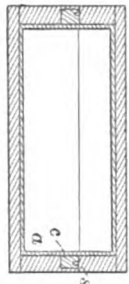
**85917**—S. Downing—For Straightening Railroad Bars.



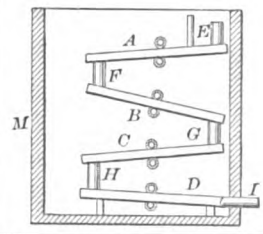
85918—J. F. Elliott—  
*Sewing Machine Table.*



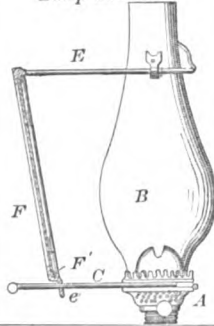
85919—M. Fitzgibbons—*Trunk.*



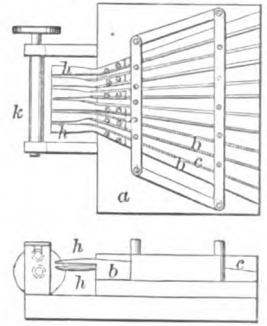
85920—A. Foot—*Milk Cooler.*



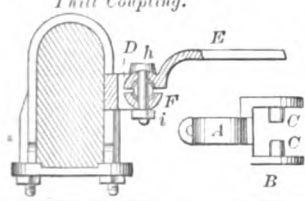
85921—F. E. Foster—  
*Lamp Shade.*



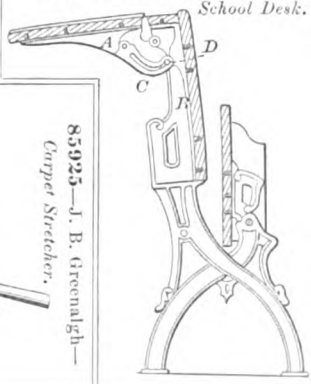
85922—W. Fuzzard—  
*Plating Fabric.*



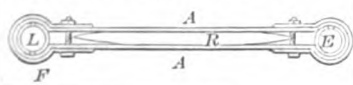
85923—R. M. Garrettson  
*Thill Coupling.*



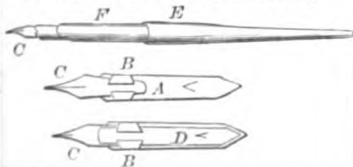
85924—Gilles & Wendell—  
*School Desk.*



85926—M. Grover—*Pitman.*



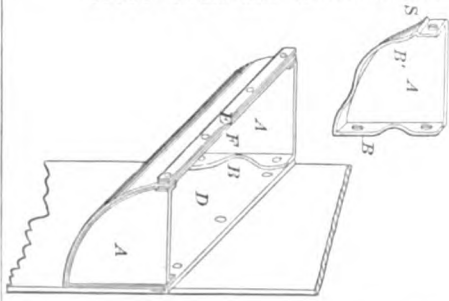
85928—D. E. Hall—*Pen Holder.*



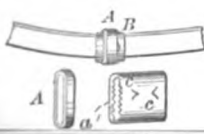
85925—J. B. Greenalgh—  
*Carpet Stretcher.*

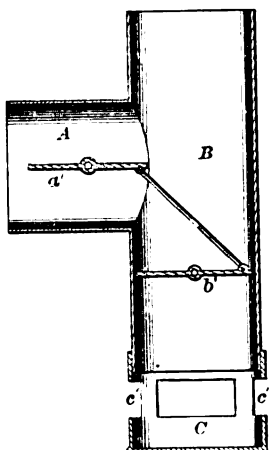


85930—N. Hawkins—*Elevator Bucket.*



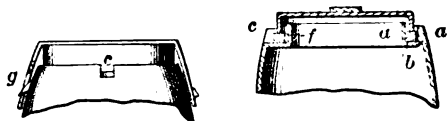
85929—D. E. Hall—*Band Fastening.*



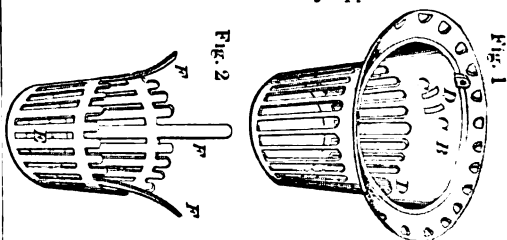


85931—T. Hosenbruch—Shoe Pipe Dumper.

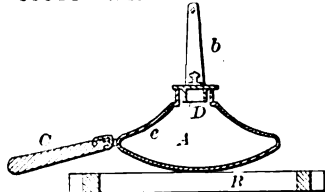
85932—P. M. Hinman—Fruit Jar.



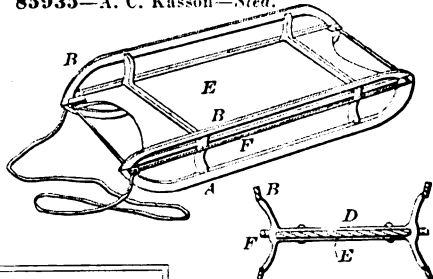
85934—G. B. Isham—Cooking Apparatus.



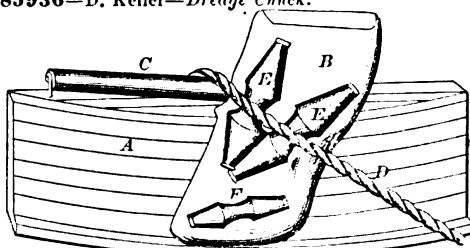
85933—T. H. Hutchinson—Churn.



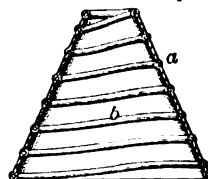
85935—A. C. Kasson—Sled.



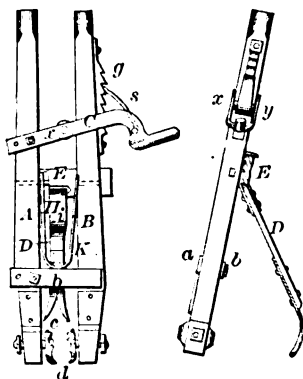
85936—D. Keller—Dredge Chuck.



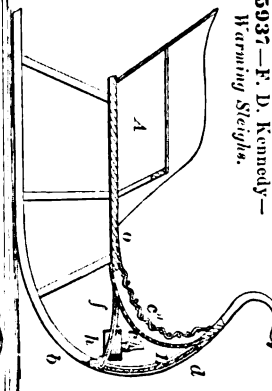
85938—J. M. Kirkpatrick—Furniture Spring.



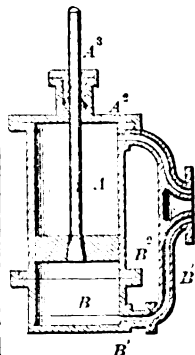
85939—F. G. Lafayette—Flooring Clamp.



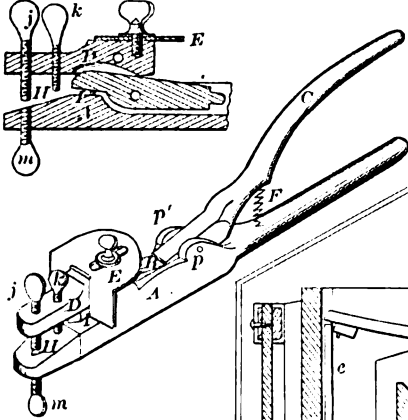
85937—F. D. Kennedy—Hanging Sleigh.



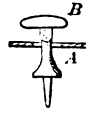
85940—J. Lawson—Steam Cylinder.



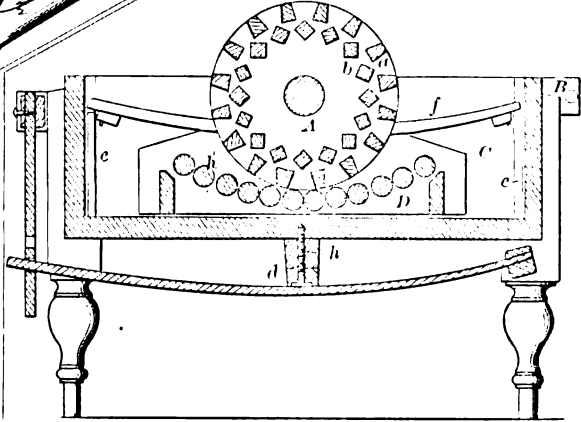
**85941—S. F. Leach—*Saur Set.***



**85946**—N. F. Mathewson—*Carriage  
Curtain Button.*



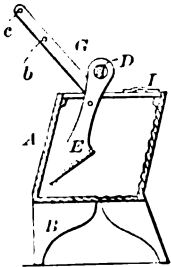
**85943—P. H. Lewis—*Washing Machine.***



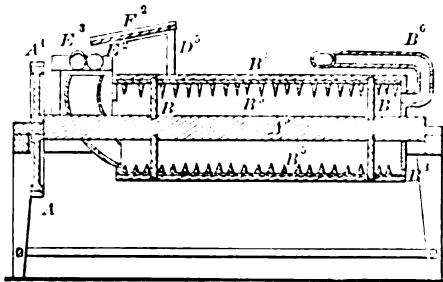
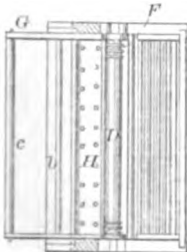
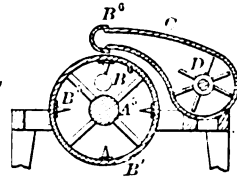
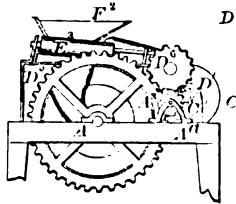
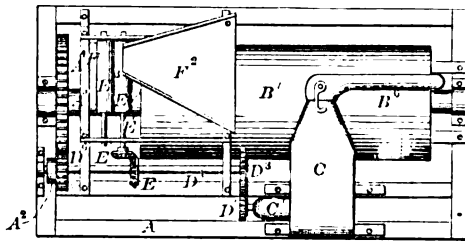
**839-19-J. A. McKenzie—Shot  
Ginn Muzle.**

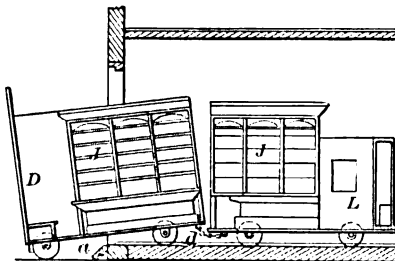
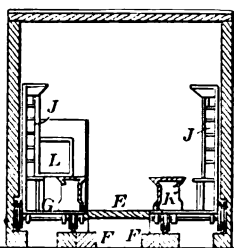
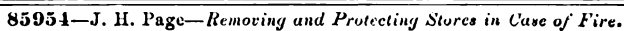
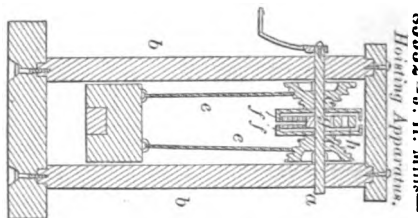
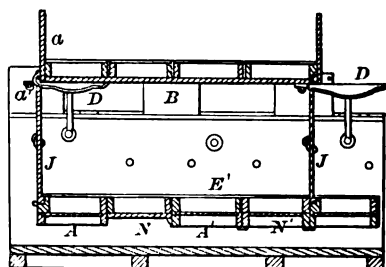
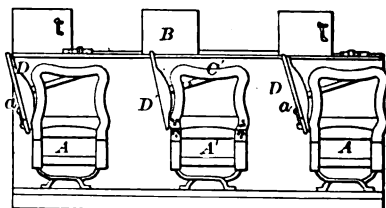
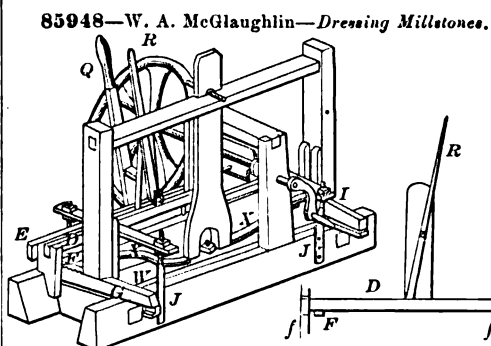
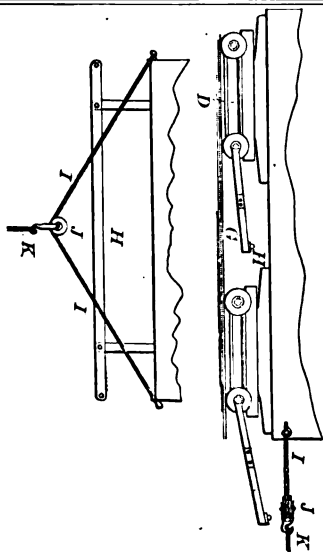
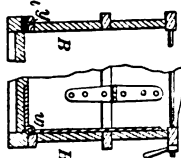
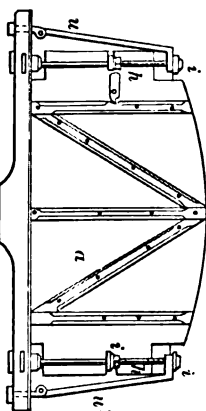


**85912—W. Leighty—  
Washing Machine.**

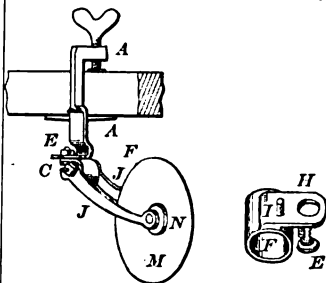


85941—T. Malley—*Dying Hair*.

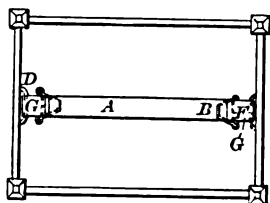




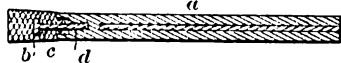
85957—Pitcher & Ellwood—Coulter.



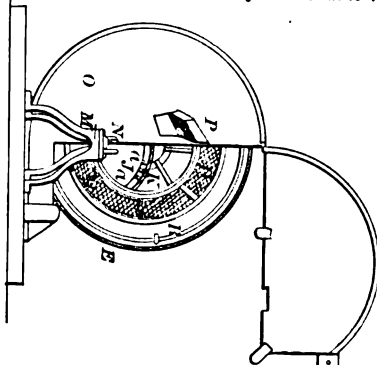
85960—A. M. Pugh—Bed Bottom.



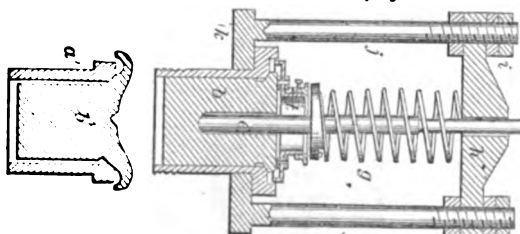
85961—J. Reckendorfer—Attaching Rubber to Pencils.



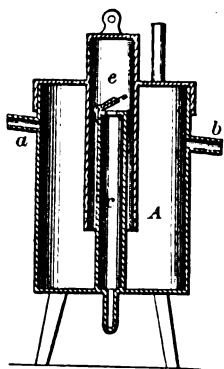
85962—G. C. Reeves—Quartz Crusher.



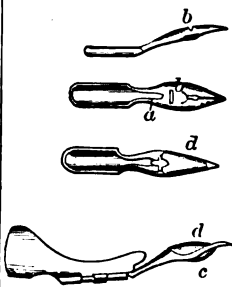
85963—G. W. Richardson—Steam Safety Valve.



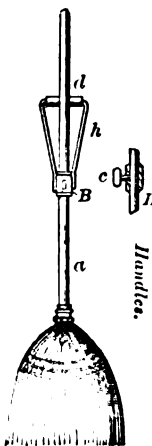
85955—P. Paille—Defecating and Bleaching Cane Juice.



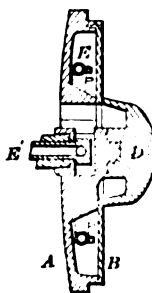
85959—J. T. Price—Pen.



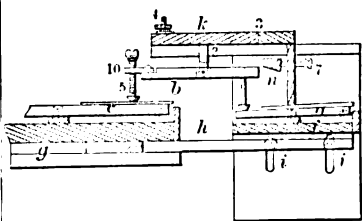
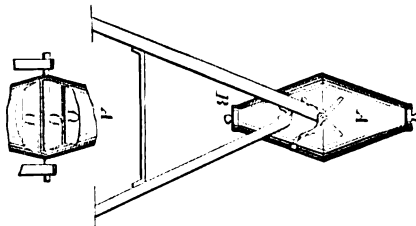
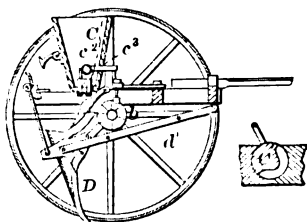
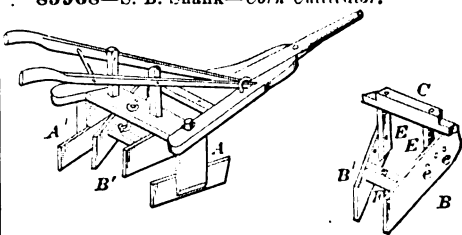
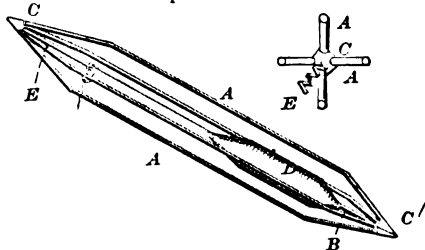
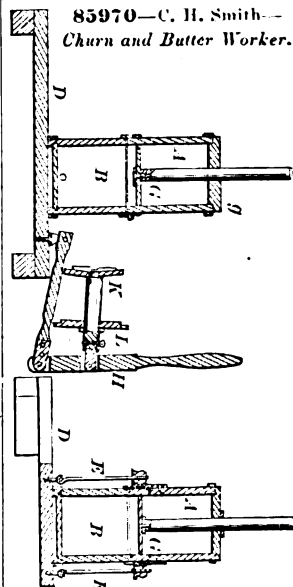
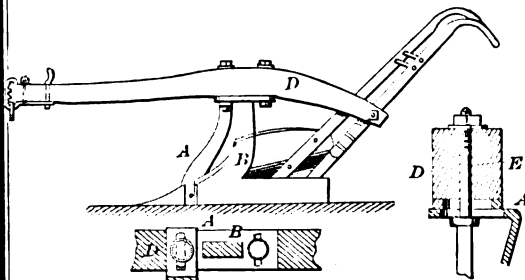
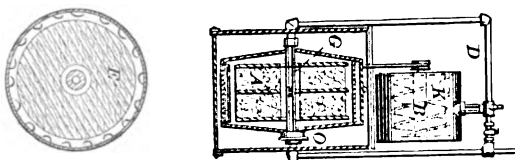
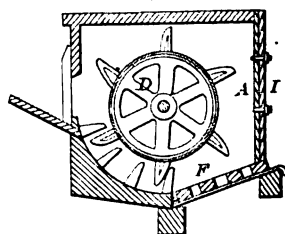
85956—E. S. Pinkham—Holder for Broom and Brush Handles.



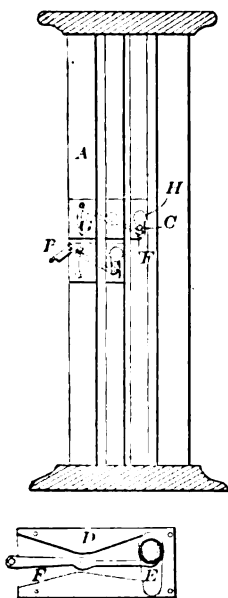
85964—J. C. Richardson—Hat Finishing Machine.



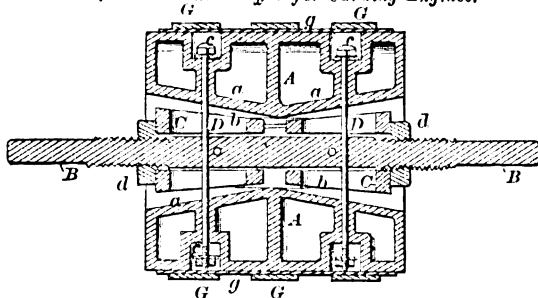


85965—T. J. V. Roz—*Piano.*85967—C. W. Saladee—*Churn.*85966—A. Rutenfranz—*Seed Drill.*85968—S. B. Shank—*Corn Cultivator.*85969—A. Simpson—*Loom Shuttle.*85970—C. H. Smith—*Churn and Butter Worker.*85971—F. F. Smith—*Plow Coulter.*85972—J. H. Steiner—*Gas Generator.*85974—J. T. Thornton—*Threshing Machine.*

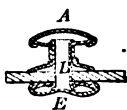
**85973**—W. A. Sublett—*Sash Lock.*



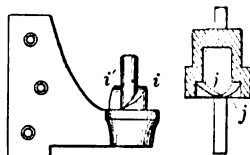
**85975**—B. D. Wheat—*Doffer for Carding Engines.*



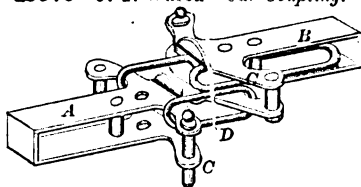
**85976**—E. S. Wheeler—*Carriage Knob.*



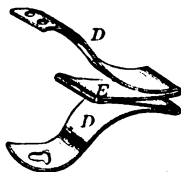
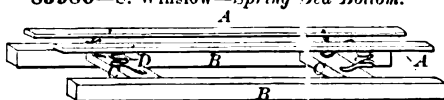
**85977**—A. Whelan—*Hinge.*



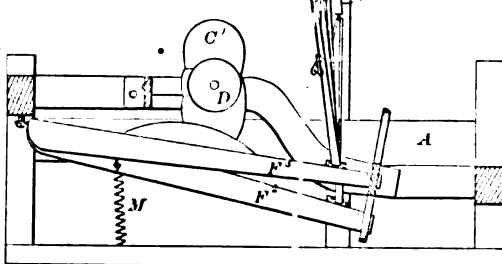
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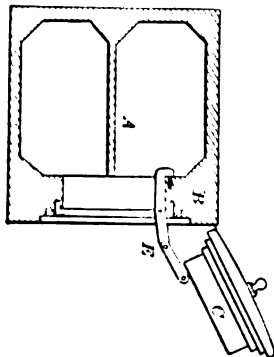
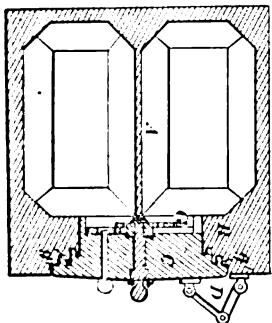
**85980**—S. Winslow—*Spring Bed Bottom.*



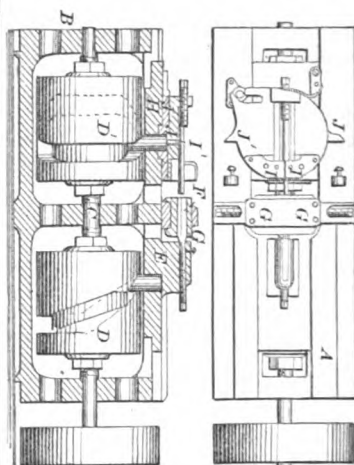
**85981**—J. C. Wood—*Loom.*



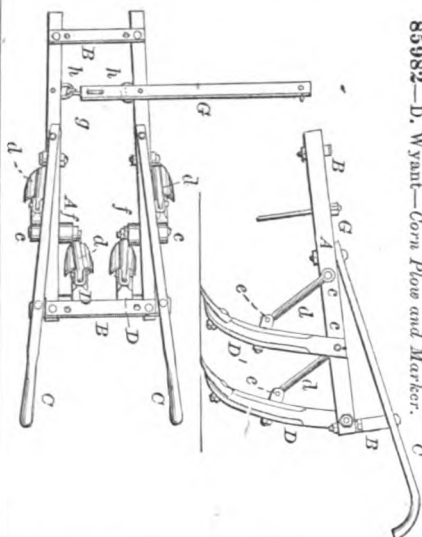
**85978**—F. H. Williams—*Sash.*



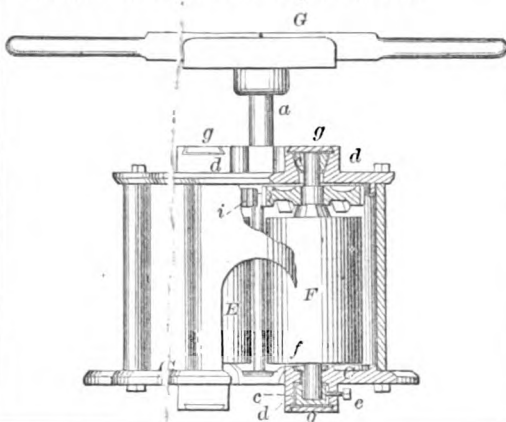
85983—J. R. Abbe—For Heading Bolts.



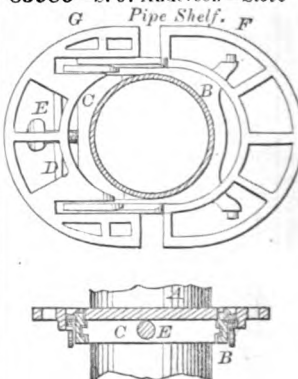
85982—D. Wyant—Corn Plow and Marker.



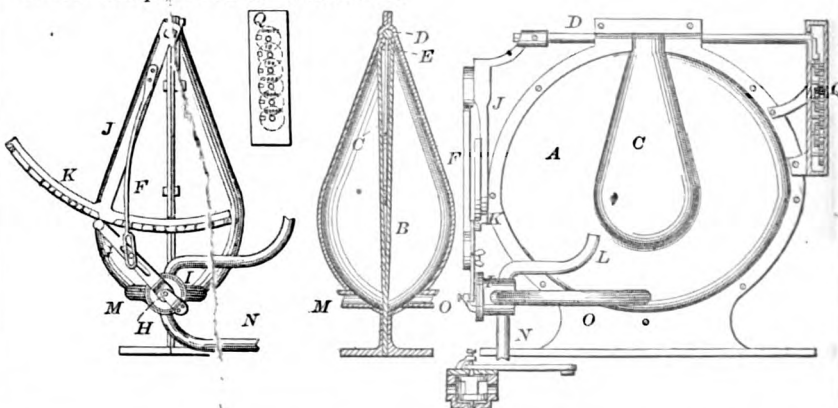
85984—Aikin &amp; Bennett—Sugar Cane Mill.



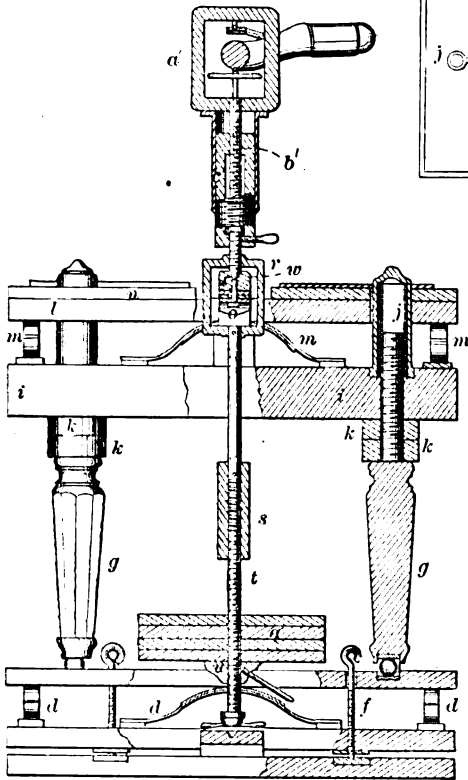
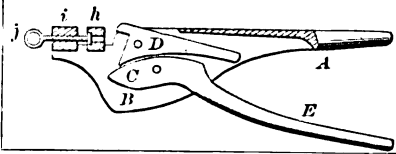
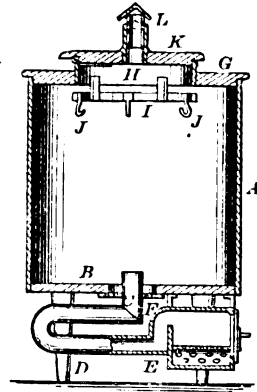
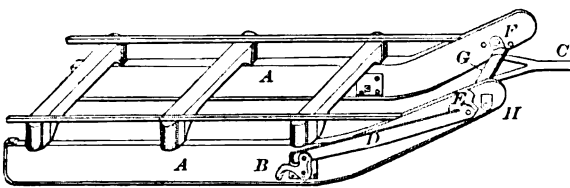
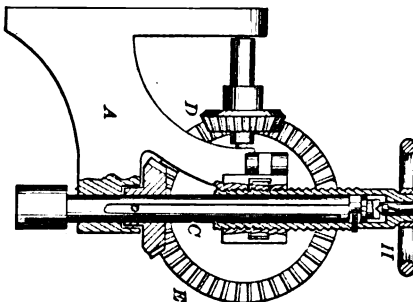
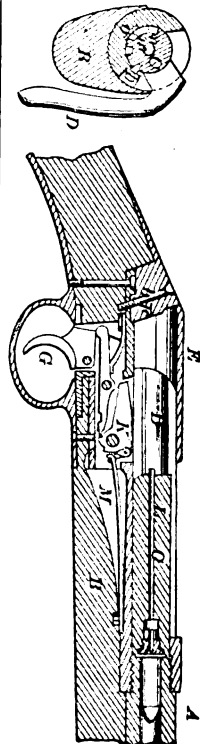
85986—S. J. Anderson—Store Pipe Shelf.



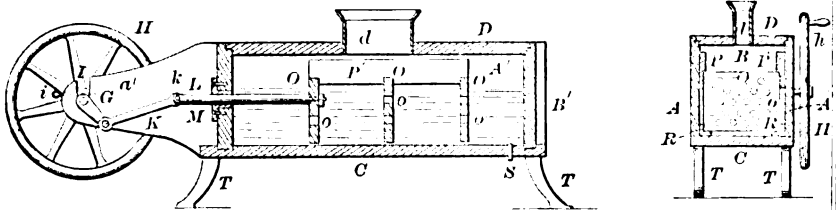
85985—Almqvist &amp; Ofeldt—Water Meter.



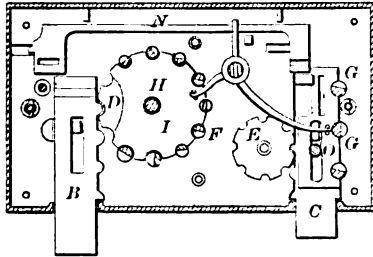


**85996**—D. P. Butler—*Gymnastic Apparatus.***85997**—Butler, Dunham & Wann—*For Sharpening Horse Shoe Calks.***85998**—R. T. Burnett—*Meat Smoking Apparatus.***86000**—F. A. Clark—*Sted Brake.***86001**—C. W. Coe—*Drilling and Boat Tapping Machine.***85999**—Carter & Edwards—*Fire Arm.*

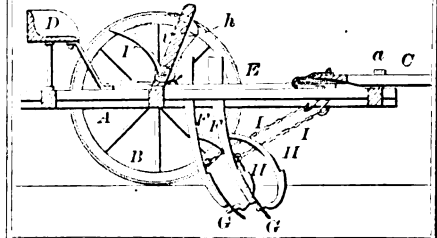
**86002**—J. B. Coffman—*Churn.*



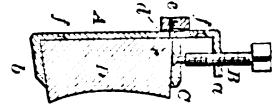
**86005**—G. W. Dana—*Permutation Lock.*



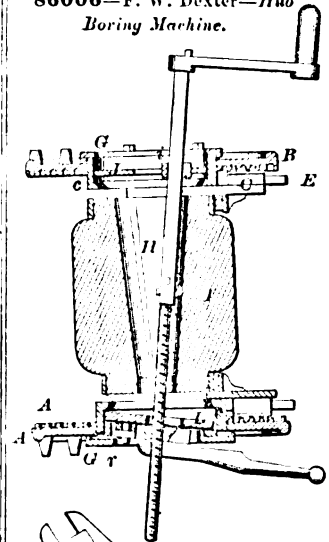
**86003**—J. H. Coleman—*Culticator.*



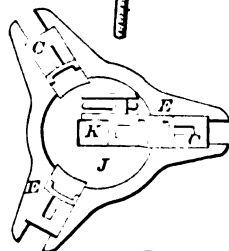
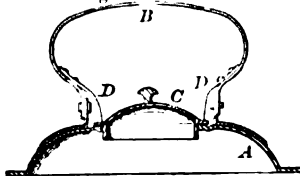
**86007**—A. W. Dorr—*Brake Block Holder.*

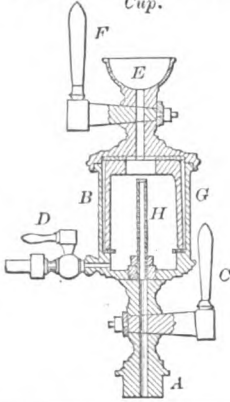
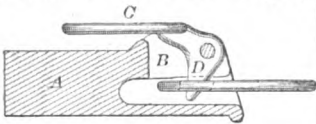
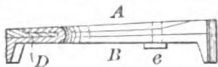
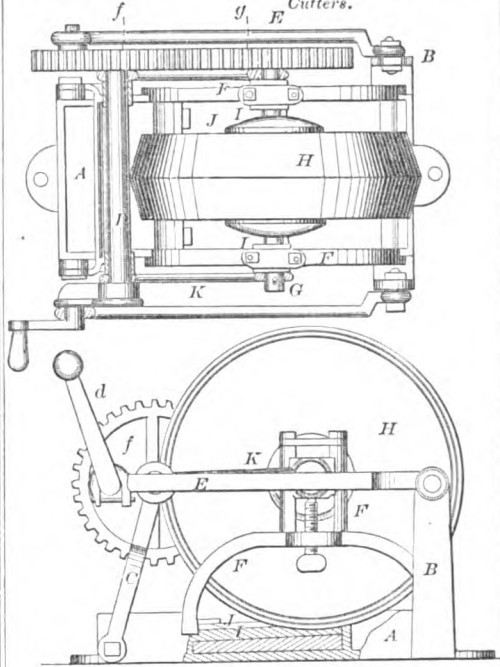
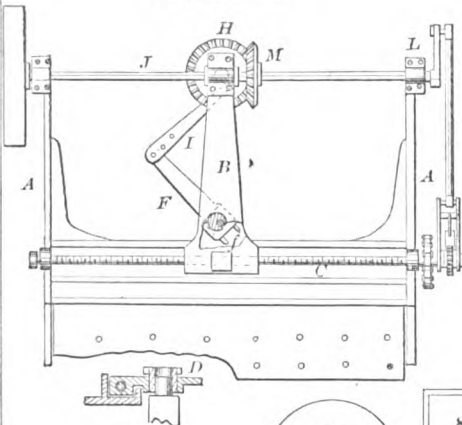
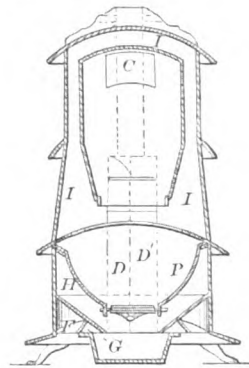
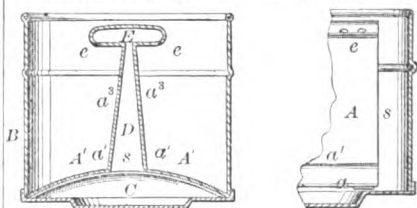


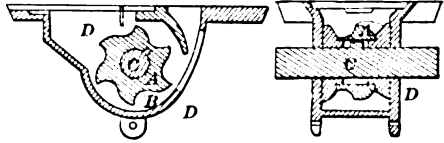
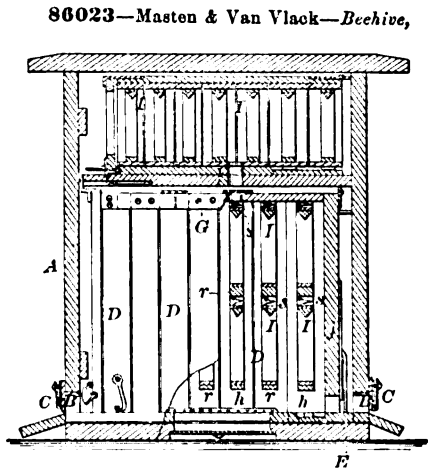
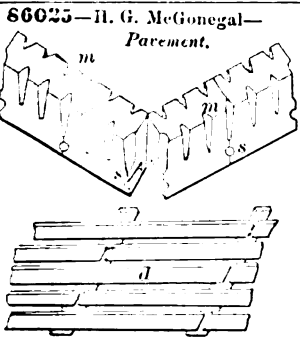
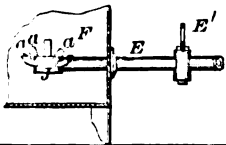
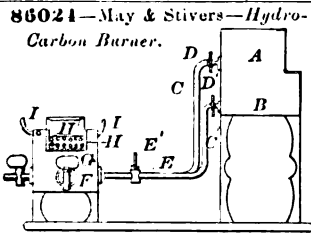
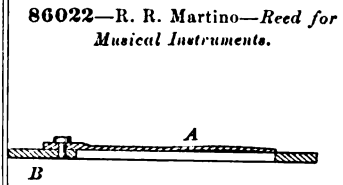
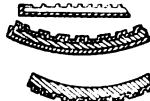
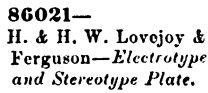
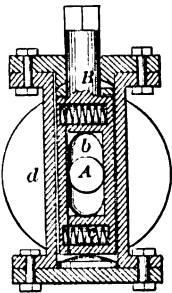
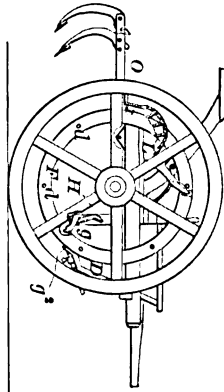
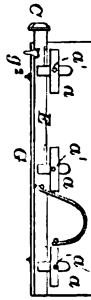
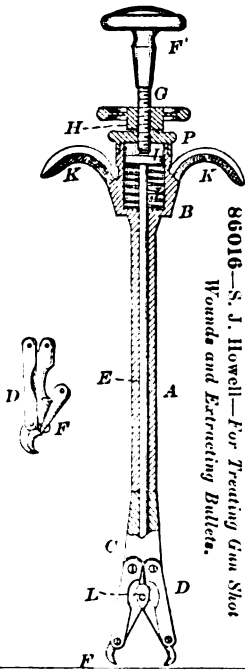
**86006**—F. W. Dexter—*Hub Boring Machine.*



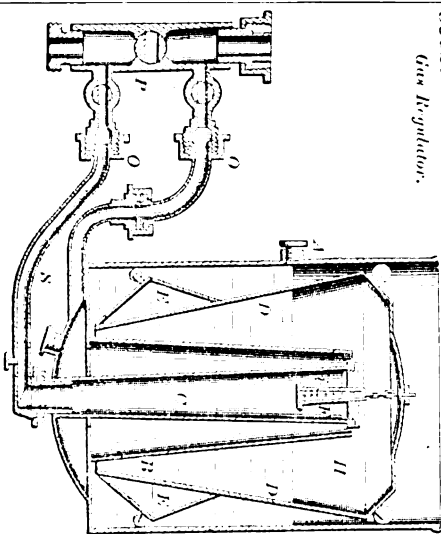
**86008**—J. H. Downing—*Tea Kettle.*



86009—I. Dreyfus—*Lubricating Cup.*86011—W. H. Hall—*Car Coupling.*86014—H. S. Hitner—*Horse Shoe.*86010—M. Fowks—*For Grinding Mowing Machine Cutters.*86015—J. E. T. Holmes—*For Dressing and Shaping Stone.*86017—Z. Hunt—*Stove.*86013—W. D. Hillis—*Wash Boiler.*





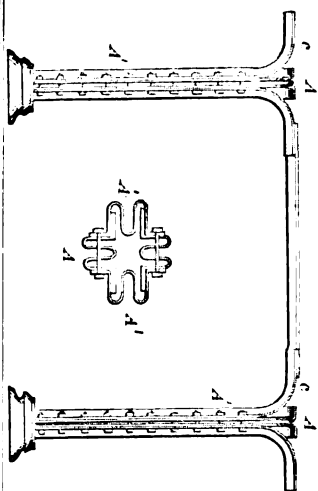
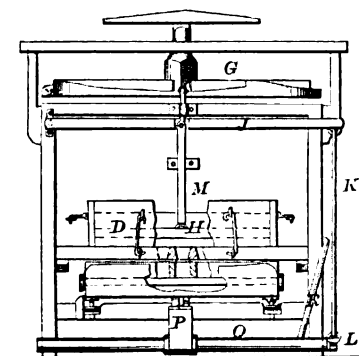
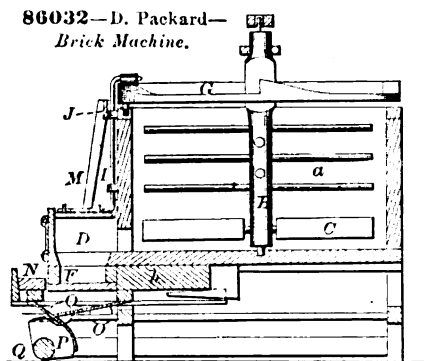


86027—S. P. Mervine Jr.—  
*Gas Regulator.*

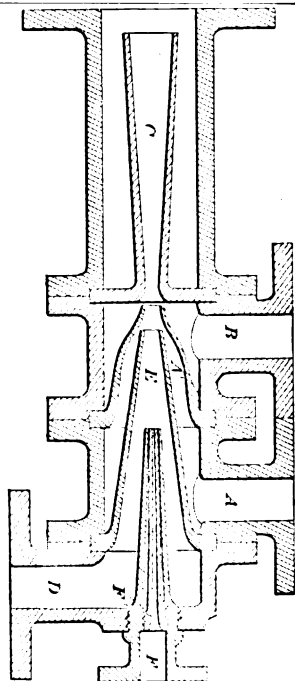
86029—B. F. Morey—*Wagon Tire.*



86032—D. Packard—  
*Brick Machine.*

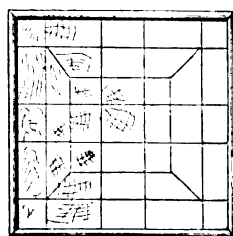


86028—H. Montgomery—*Metallic Column.*

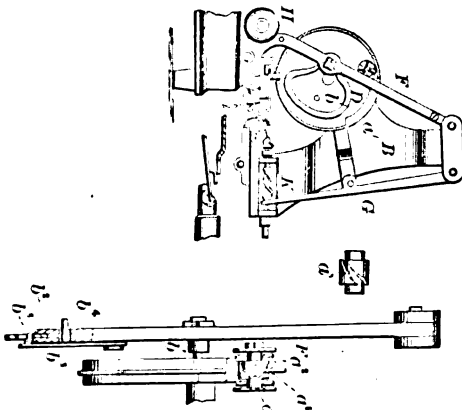
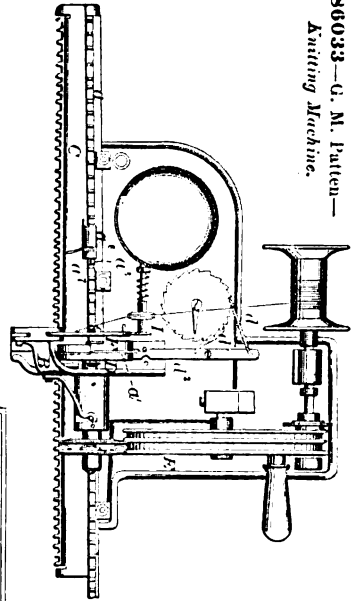


86030—A. Morton—*Injector.*

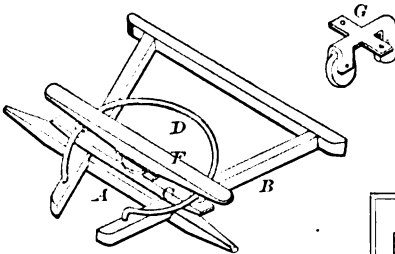
86031—W. S. Nelson—*Skating Floor.*



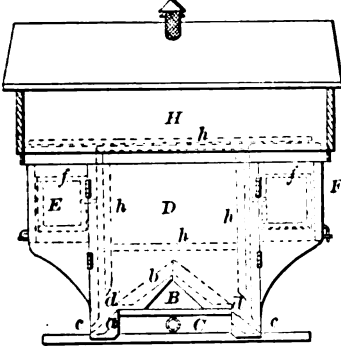
86033—G. M. Patten—  
Knitting Machine.



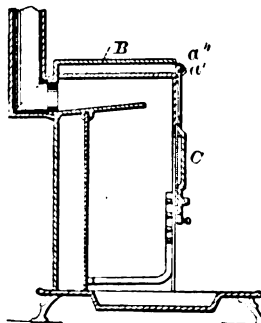
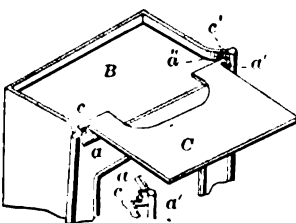
86036—J. H. Sawyer—Wagon.



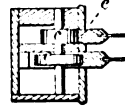
86037—B. F. See—Beehive.



86035—A. J. Redway—Fire  
Blower.



86034—T. T. Prosser—Sack Balance.



86038—C. Seimel—  
Sheet Metal Can.

Fig. 2

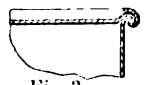
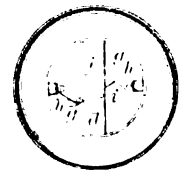
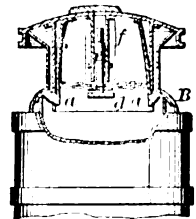
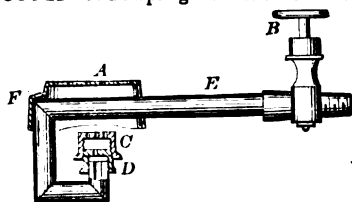
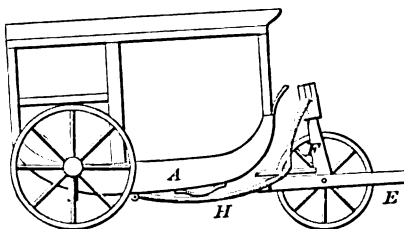
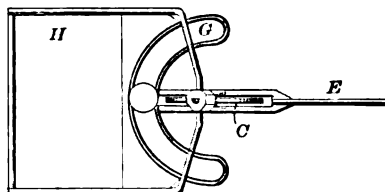
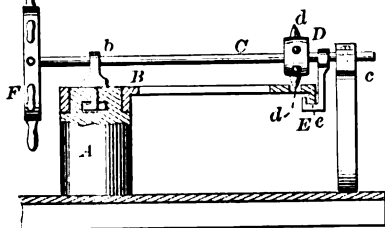
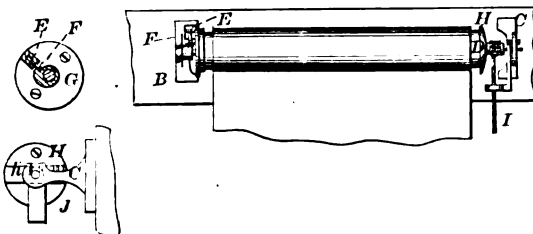
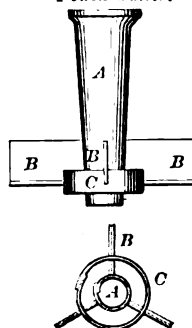
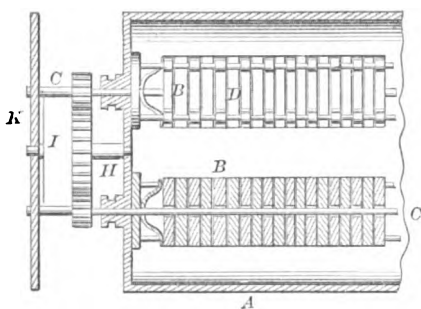
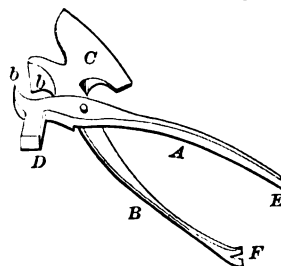
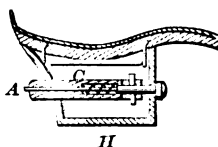
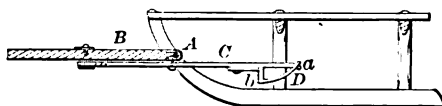


Fig. 3

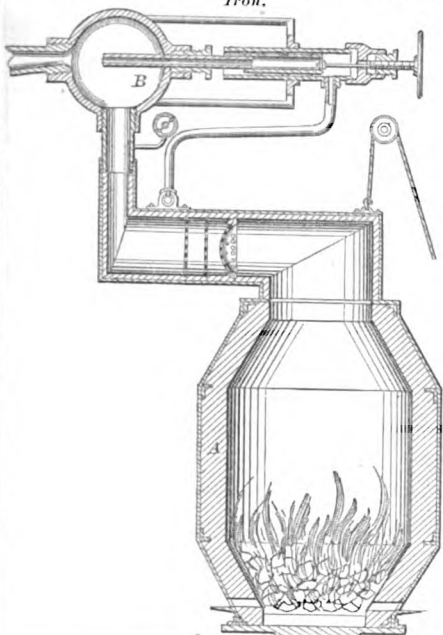


86039—Shorte & Todd  
Milk Can.

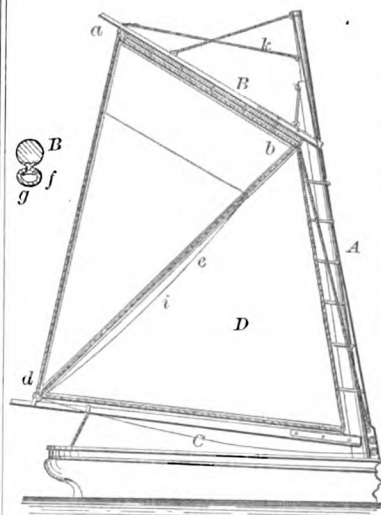


**86041**—J. D. Spang—*Gasoline Cook Store.***86042**—H. M. Stow—*Omnibus.***86043**—N. L. Tomlinson—*Steering Apparatus.***86044**—Tripp & Boyd—*Curtain Fixture.***86045**—J. T. Vaughn—*Peach Cutter.***86046**—P. Vera—*For Generating Heat by Friction.***86048**—C. Wetzler—*Implement.***86049**—C. F. Woodruff—*Boot Heel and Spur.***86052**—R. Ayres—*Sled Brake.*

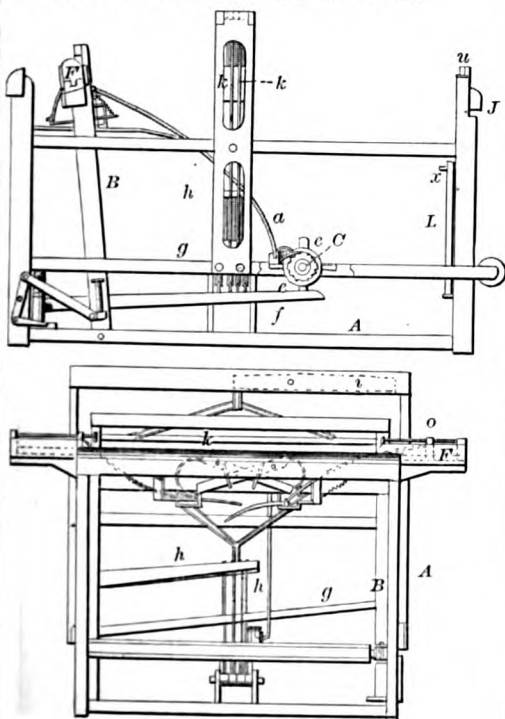
**86050**—J. Absterdam—*Refining and Purifying Iron.*



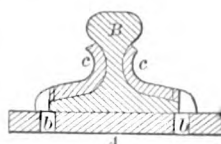
**86051**—H. R. Atwood—*Reefing Sails.*



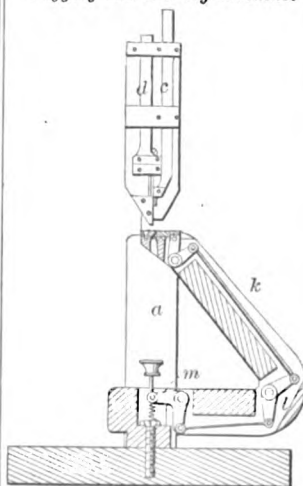
**86055**—Brown & Hunt—*Hand Power Loom.*



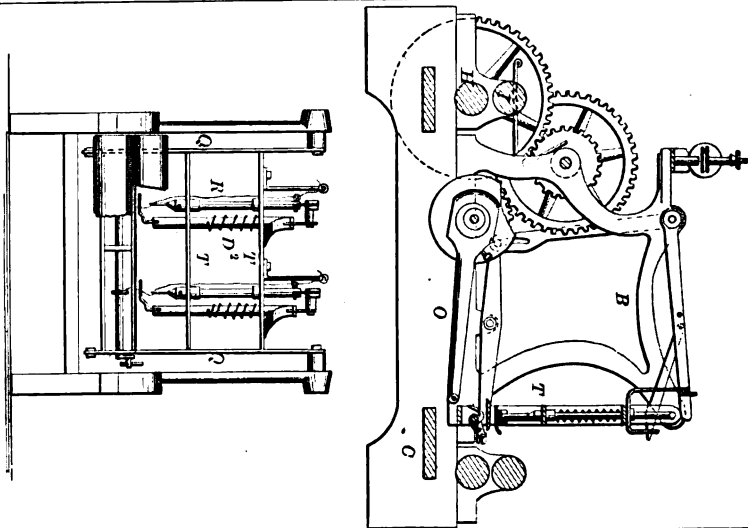
**86053**—D. D. Bigelow—*Railway Rail Chair.*



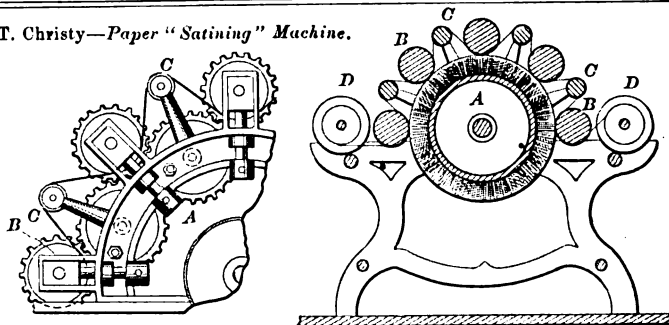
**86054**—L. R. Blake—*Shoe Pegging and Nailing Machine.*



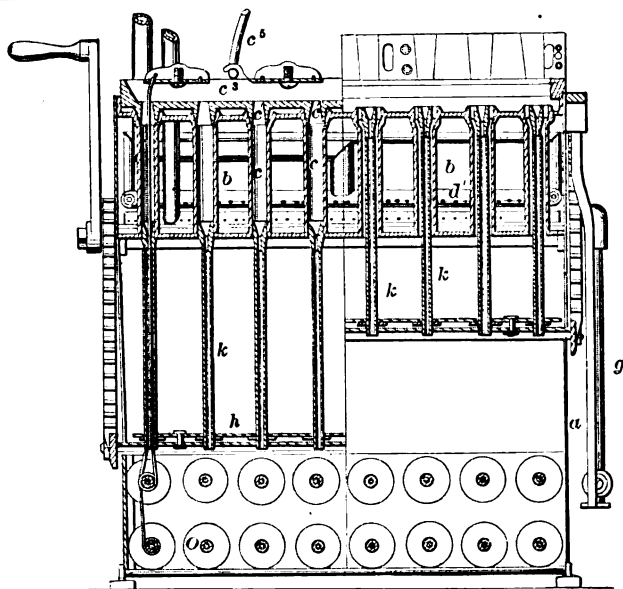
86057—F. P. Canfield—For Seeing Parallel Seams.



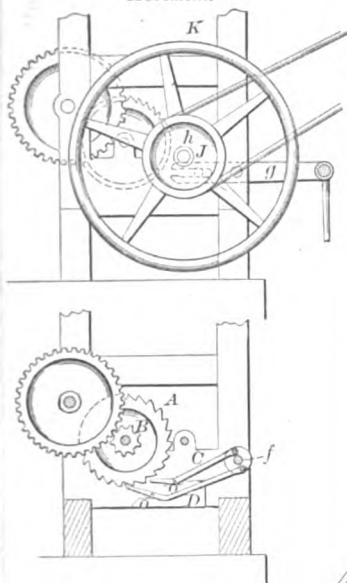
86058—T. Christy—Paper "Satining" Machine.



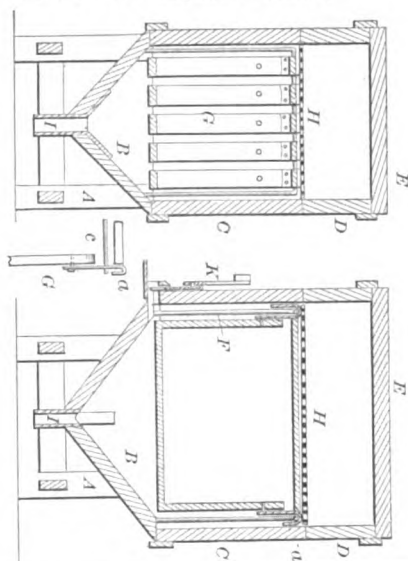
86059—E. Cowles—For Making Candles.



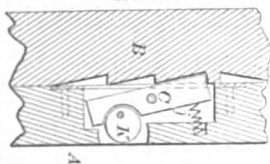
**86060**—F. Creamer—*Mechanical Movement.*



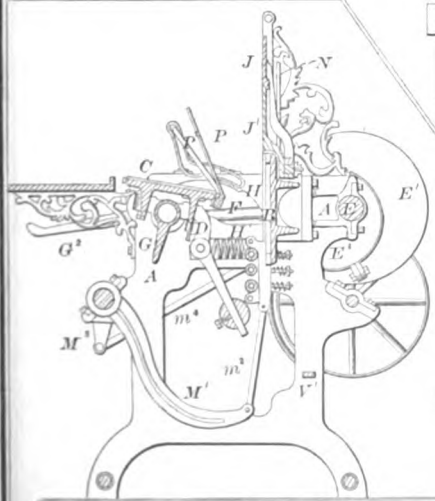
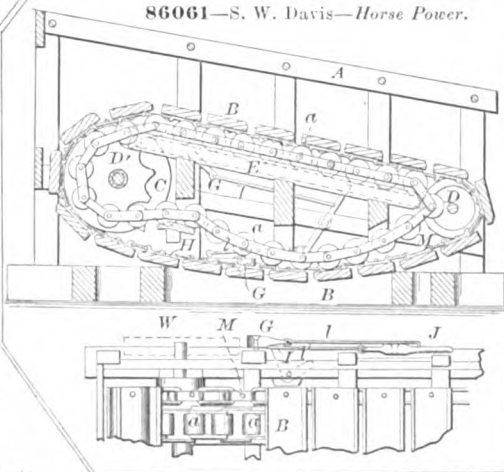
**86063**—T. S. Engledow—*Beehive.*



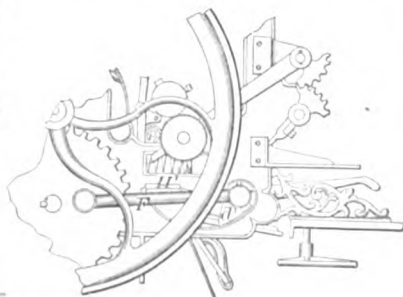
**86062**—W. A. Devon—*Sash Holder.*



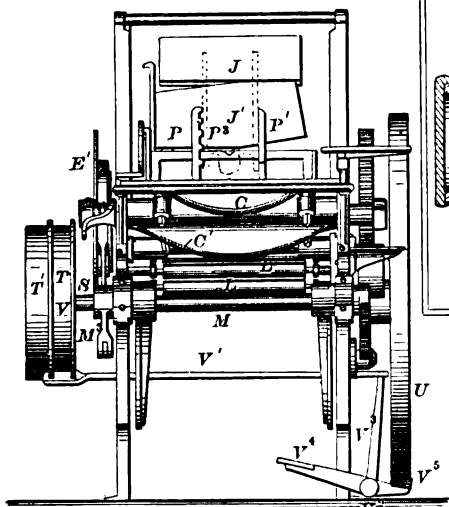
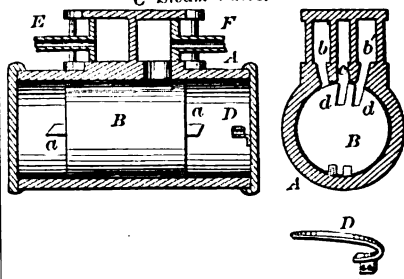
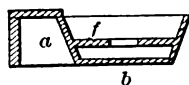
**86061**—S. W. Davis—*Horse Power.*



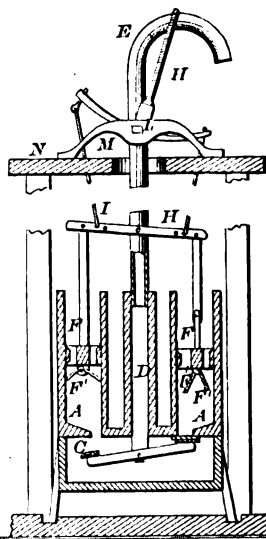
**86064**—W. H. Forbush—*Printing Press.*



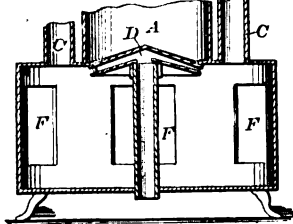
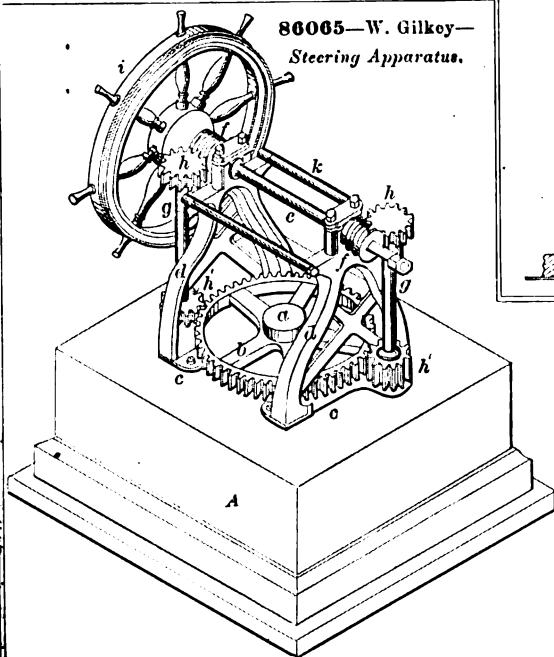
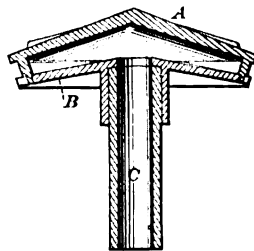
86064—Continued.

86067—Gray & Brittingham—Piston  
C Steam Valve.86066—T. Gladding—Salt  
Trough for Cattle.

86071—C. C. Hiatt—Force Pump.

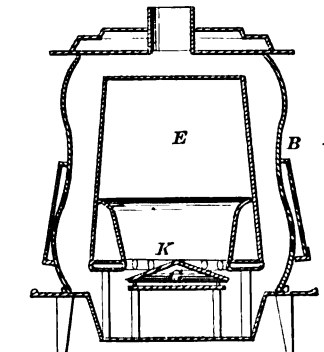
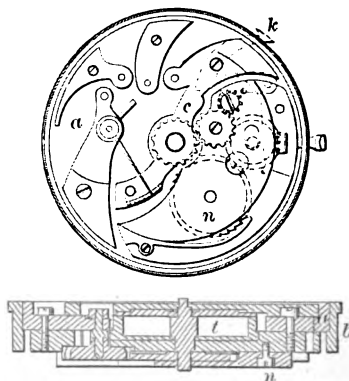
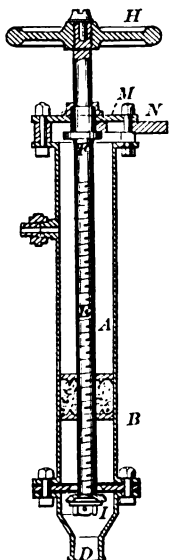
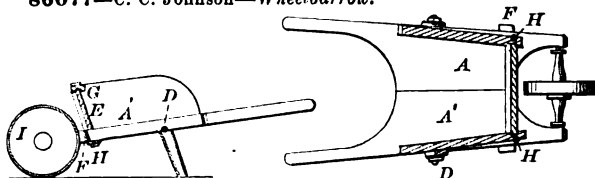
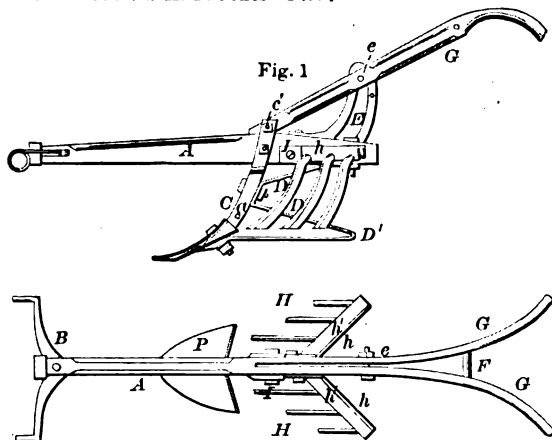
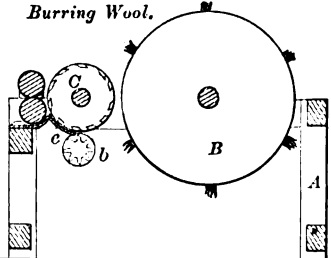
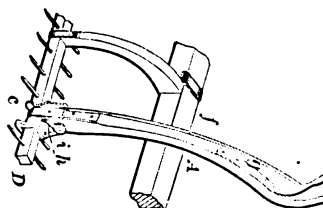


86072—E. Hosford—Store.

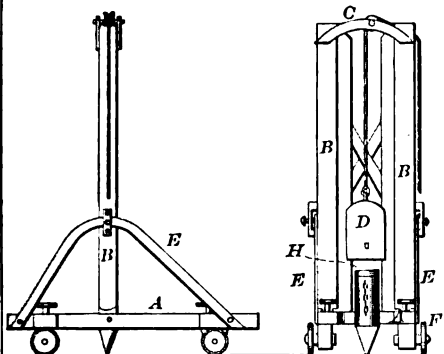
86065—W. Gilkey—  
Steering Apparatus.86069—Harwood &  
Newton—Store Grate.



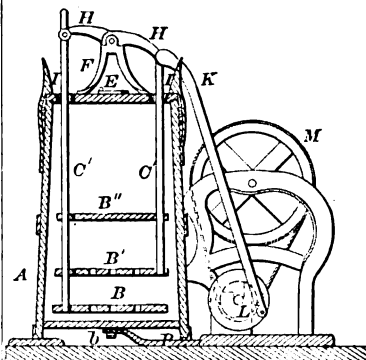


**86074**—C. D. Newton—*Bed Plate for Stores.***86075**—C. E. Jacot—*Watch.***86076**—E. T. Jenkins—*Hydrant.***86077**—C. C. Johnson—*Wheelbarrow.***86079**—J. H. & H. P. Jones—*Plow.***86078**—D. L. & G. T. Jones—*For Burring Wool.***86080**—W. S. Kincaid—*Horse Hay Rake.*

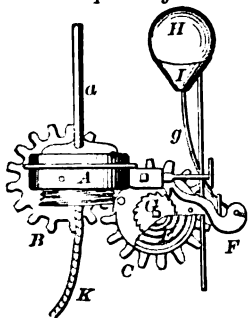
**86081**—J. M. Kirkpatrick—*Fence Builder.*



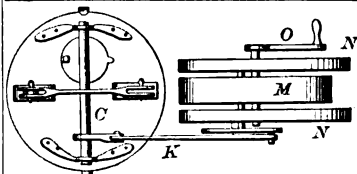
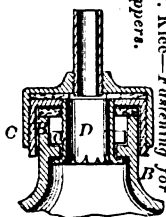
**86083**—Köhler & Wilson—*Churn.*



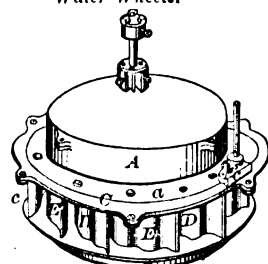
**86084**—C. Lanzendorfer—*Lamp Extinguisher.*



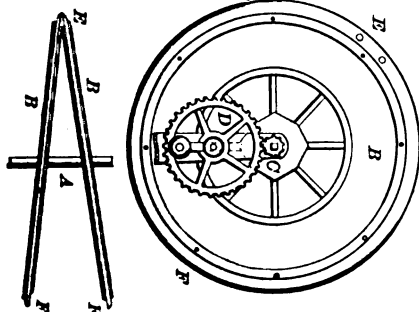
**86082**—F. Klee—*Fastening for Bottle Stoppers.*



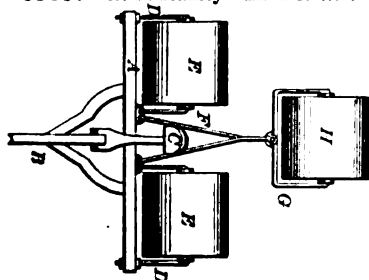
**86085**—T. Leffel—*Case for Turbine Water Wheels.*



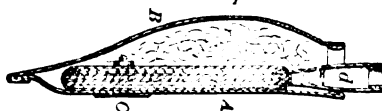
**86086**—A. C. Loud—*Propeller.*

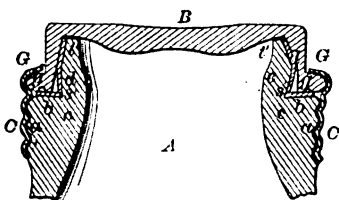
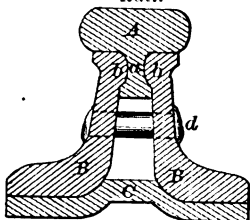
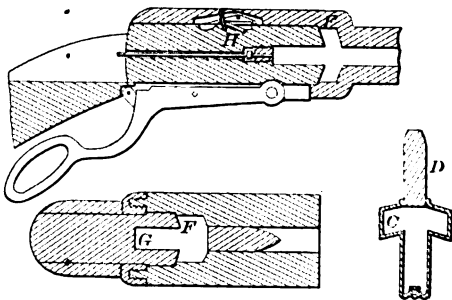
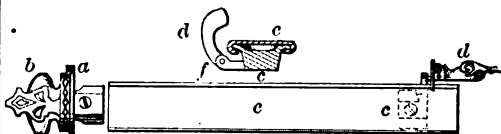
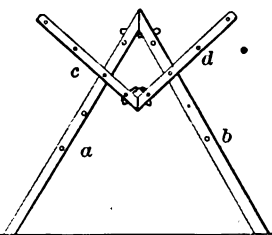
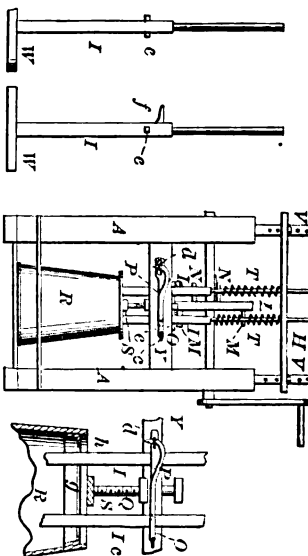
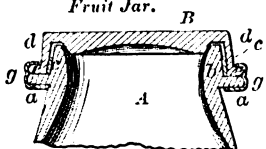
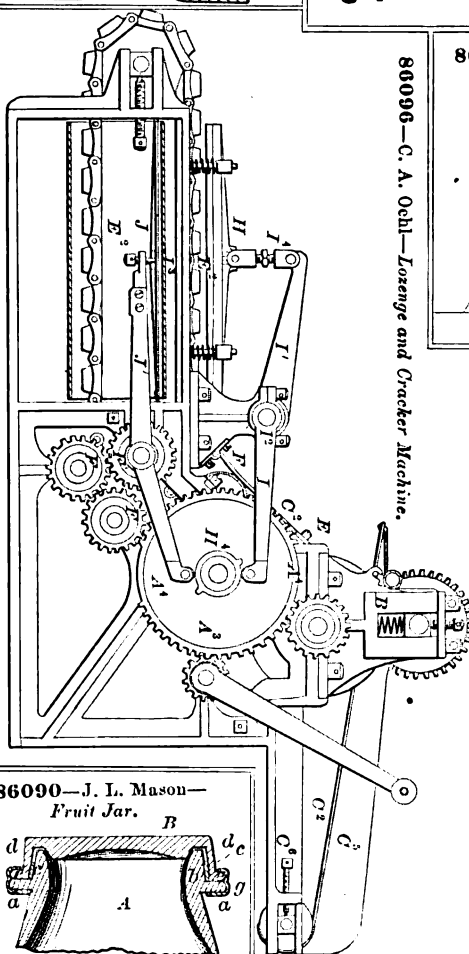


**86087**—H. P. Manley—*Land Roller.*

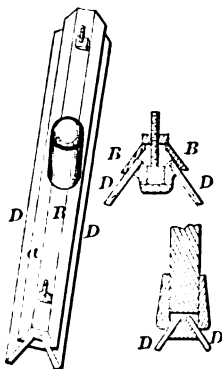


**86088**—C. Maray—*Galvanic Plate for Remedial Purposes.*

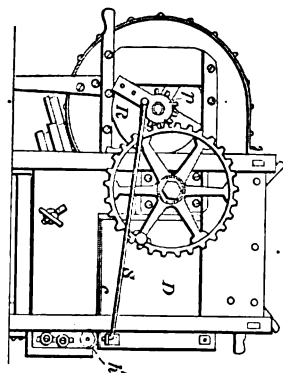
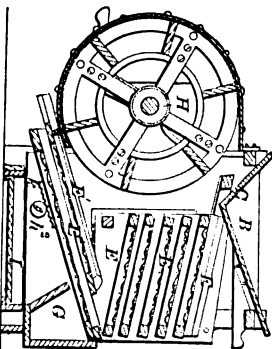


**86089—J. L. Mason—Fruit Jar.****86093—J. H. Moore—Railway Rail.****86091—L. A. Merriam—Fire Arm.****86092—W. T. Mercereau—Stair Rod.****86095—C. R. Mumma—Clothes Dryer.****86094—Mortor & Packer—Churn.****86090—J. L. Mason—Fruit Jar.****86096—C. A. Oehl—Loreng and Cracker Machine.**

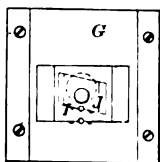
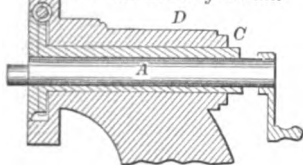
**86097**—J. Old—*Gum Scrubber.*



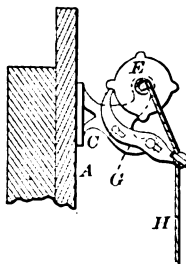
**86099**—J. F. Pool—*Fanning Mill.*



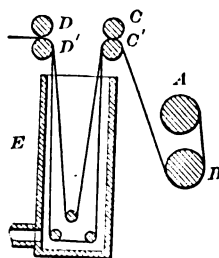
**86098**—W. F. Parker—*Mechanical Adjustment.*



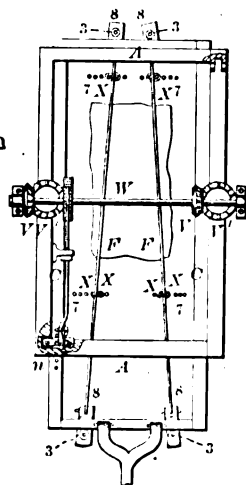
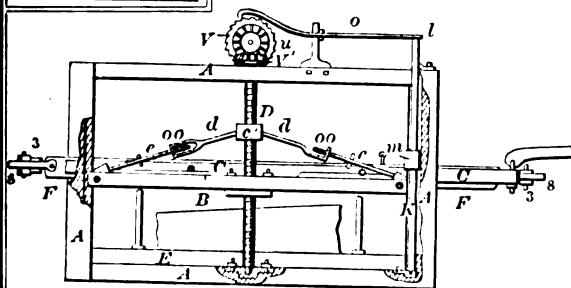
**86100**—S. S. Putnam—*Curtain Fixture.*



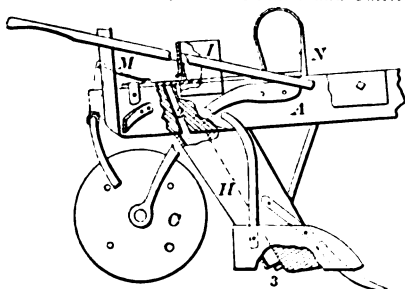
**86103**—J. Scoffern—*For Treating Paper and Woven Fabrics.*



**86102**—A. Rothwell—*Stone Sawing Machine.*

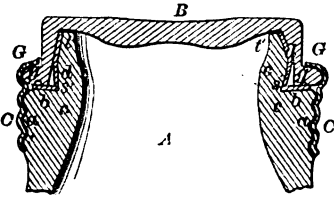
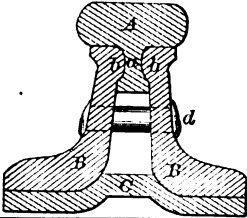
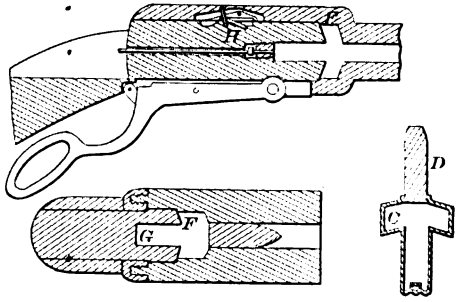
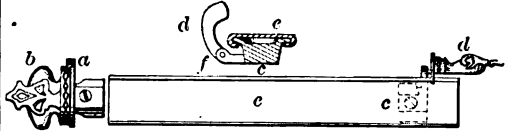
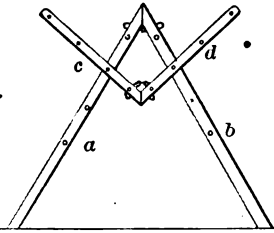
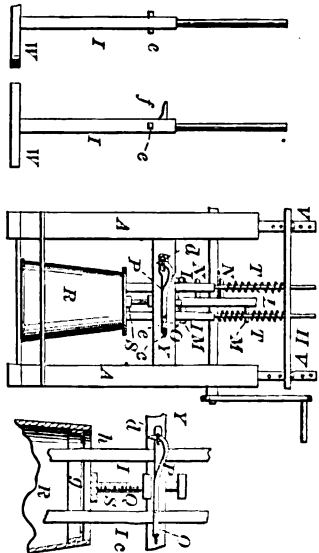
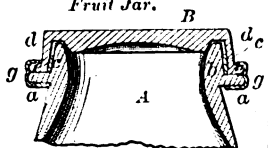
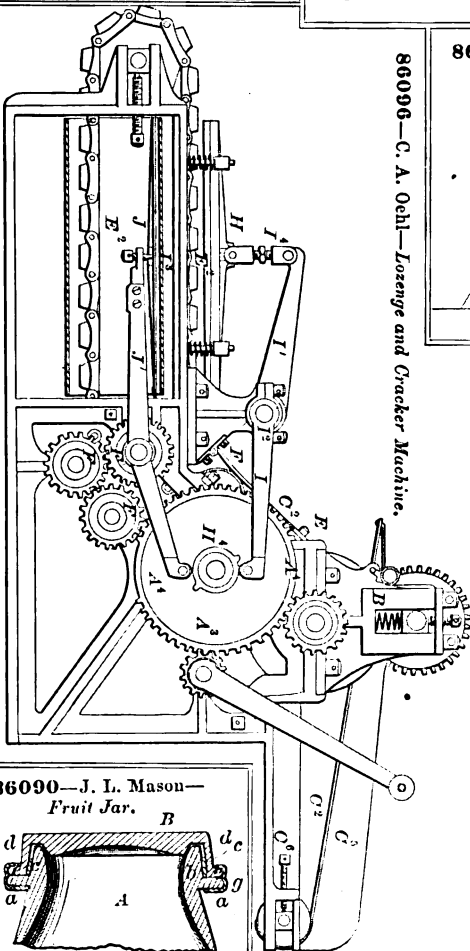


**86105**—W. Scott—*Corn Planter and Cultivator.*

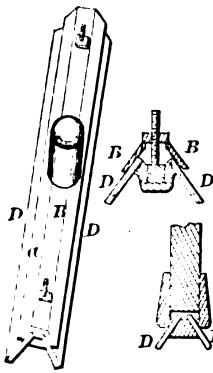


**86101**—J. Reckendorfer—*Lead Pencil.*

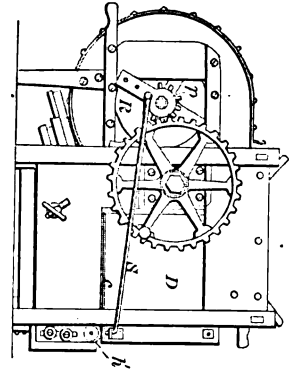
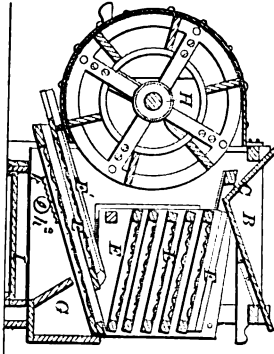


**86089—J. L. Mason—Fruit Jar.****86093—J. H. Moore—Railway Rail.****86091—L. A. Merriam—Fire Arm.****86092—W. T. Mercereau—Stair Rod.****86095—C. R. Mumma—Clothes Dryer.****86094—Mortor & Packer—Churn.****86090—J. L. Mason—Fruit Jar.****86096—C. A. Oehl—Lozenge and Cracker Machine.**

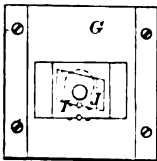
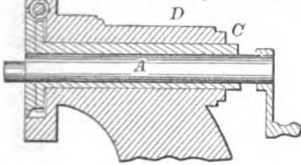
**86097**—J. Old—Gum Scrubber.



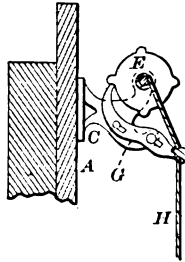
**86099**—J. F. Pool—Fanning Mill.



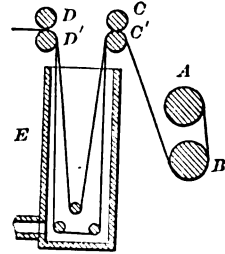
**86098**—W. F. Parker—*Mechanical Adjustment.*



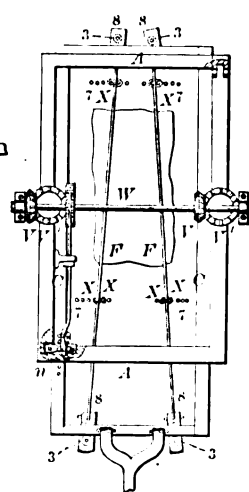
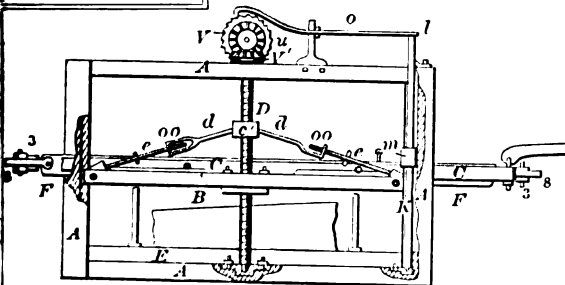
**86100**—S. S. Putnam—*Curtain Fixture.*



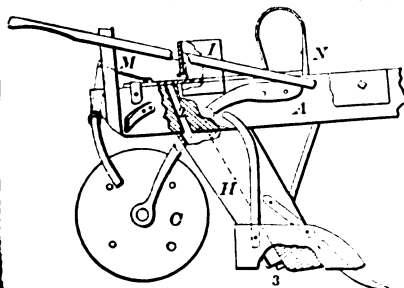
**86103**—J. Scoffern—*For Treating Paper and Woven Fabrics.*



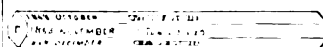
**86102**—A. Rothwell—*Stone Sawing Machine.*



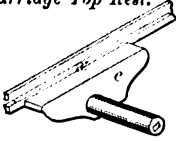
**86105**—W. Scott—*Corn Planter and Cultivator.*



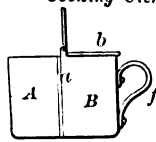
**86101**—J. Reekendorfer—*Lead Pencil.*



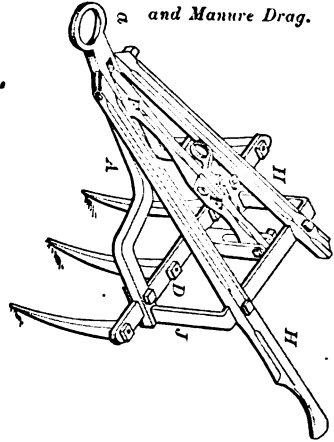
**86107**—W. O. Snyder—*Carriage Top Rest.*



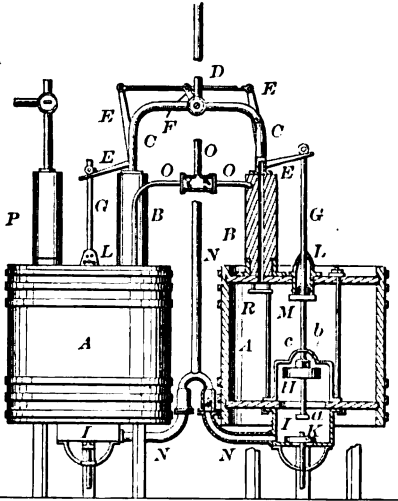
**86108**—S. Spoor—*Cooking Utensil.*



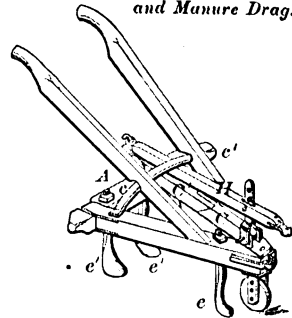
**86109**—P. H. Stauffer—*Hay Elevator and Manure Drag.*



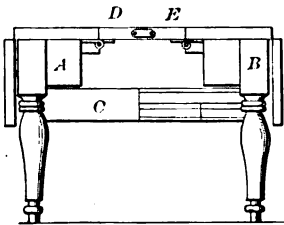
**86111**—Stevens & Denton—*Steam Pump.*



**86110**—P. H. Stauffer—*Hay Elevator and Manure Drag.*



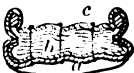
**86113**—B. D. Sutlief—*Table.*



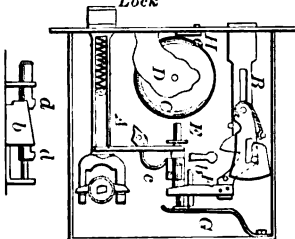
**86114**—A. Vang—*Key.*



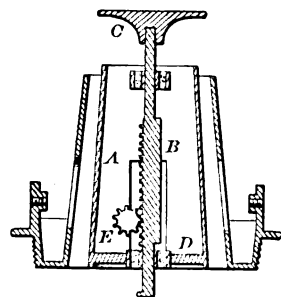
**86112**—R. C. Sturges—*Harness Saddle Pad.*



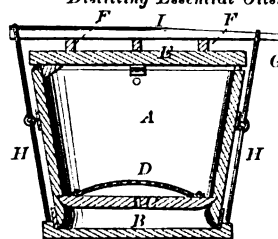
**86116**—O. D. Warner—*Alarm Lock.*



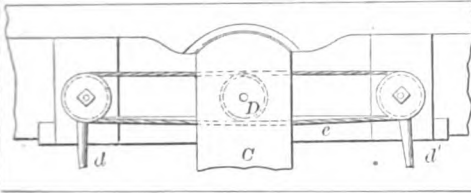
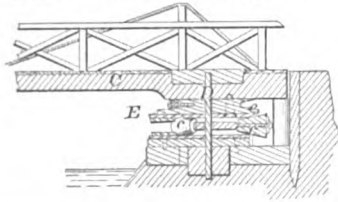
**86118**—W. H. Smith—*Lamp.*



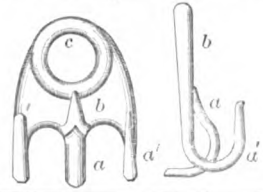
**86115**—B. P. Van Marter—*Tub for Distilling Essential Oils.*



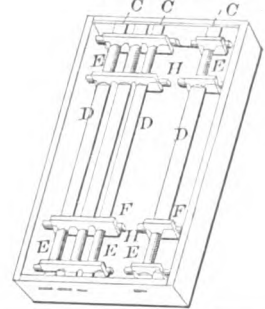
86117—G. R. Winkler—Swing Bridge.



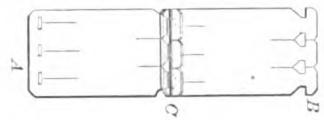
86119—W. Allport—Cattle Tie.



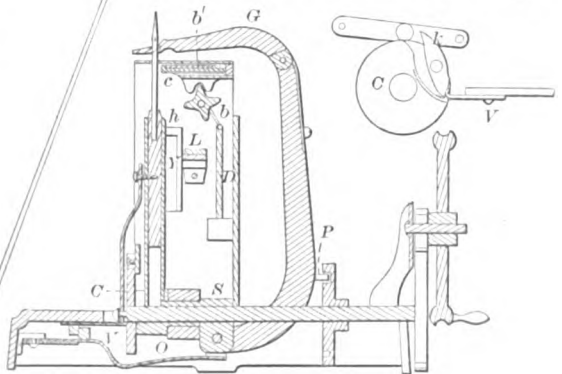
86120—J. H. Almond—Spring Bed Bottom.



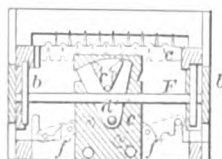
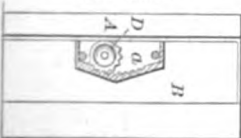
86123—J. Ashworth—Splicing Belts.



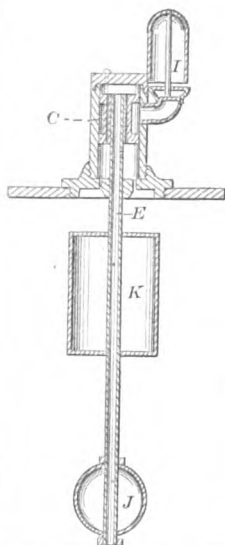
86122—B. Arnold—For Mending Stockings.



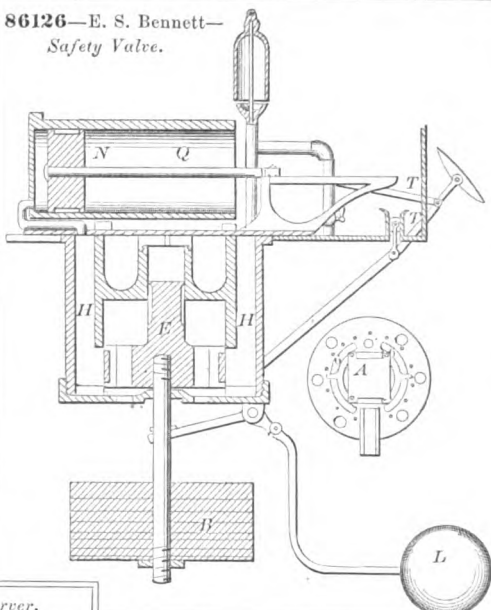
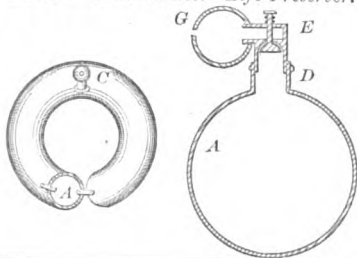
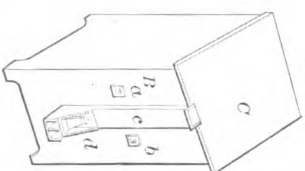
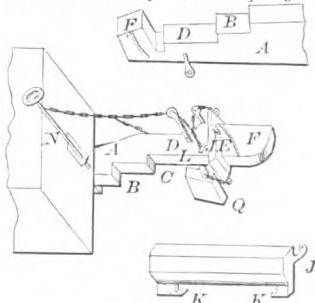
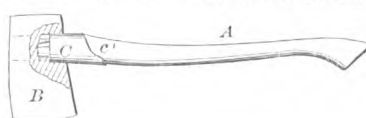
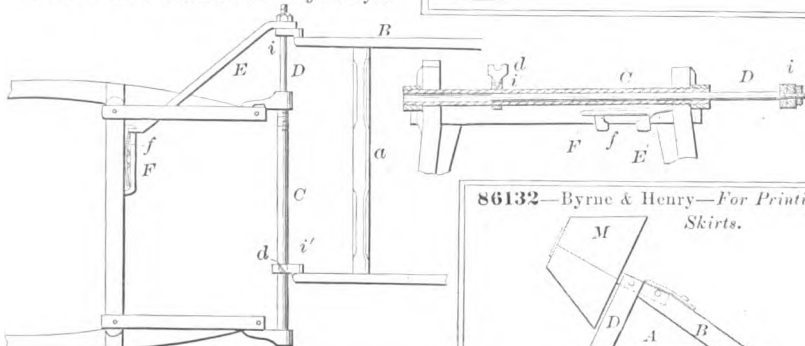
86124—Ballard & Killin—Sash Lock.



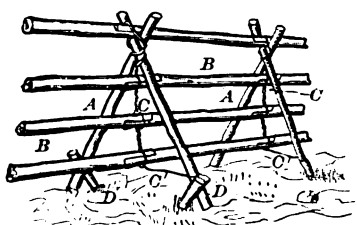




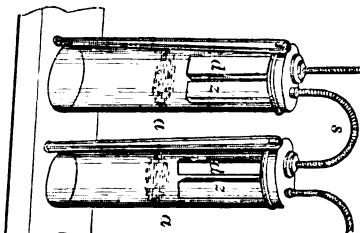
86125—E. S. Bennett—Low Water Detector for Steam Boilers.

86126—E. S. Bennett—*Safety Valve.*86127—E. S. Bennett—*Life Preserver.*86129—A. J. Braley—*Car Coupling.*86128—W. Black—*Beehive.*86130—B. Butler—*Axe Handle Shield.*86131—C. H. Butterfield—*Sleigh Shaft.*86132—Byrne & Henry—*For Printing Skirts.*

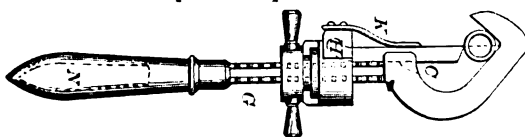
86133—V. Calkins—Farm Fence.



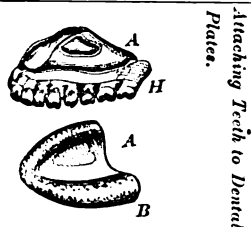
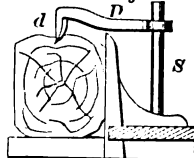
86134—C. T. Chester—Galvanic Battery.



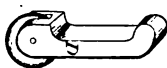
86138—R. A. Copeland—Pipe Wrench and Cutter.



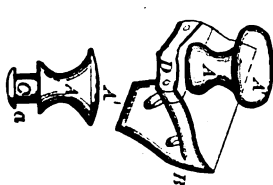
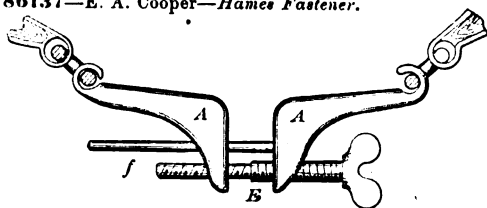
86136—J. Cobleigh—Saw Mill Dog.



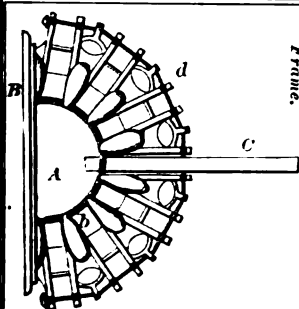
86135—A. Clark—For Attaching Teeth to Dental Plates.



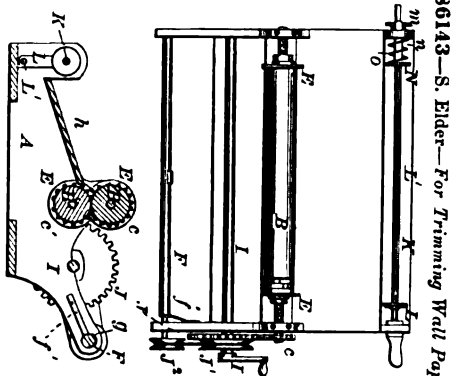
86137—E. A. Cooper—Hames Fastener.



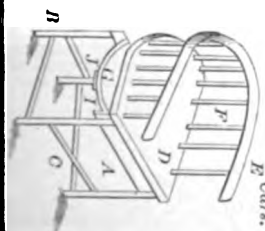
86139—S. Crowell—Clothes Line Stretcher.



86140—J. Danner—Clothes Frame.

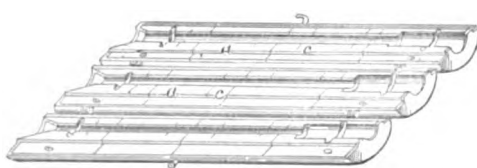


86143—S. Elder—For Trimming Wall Paper.

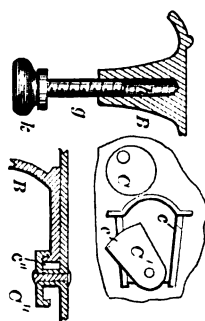
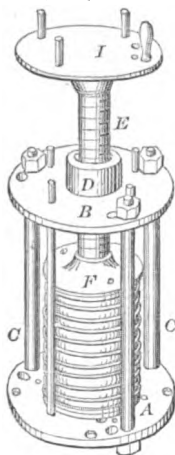


86141—B. M. Darling—Seat for Chairs and Chair Backs.

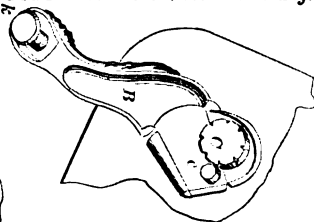
86144—Farrar & Whiting—Flask for Moulding Pipe.



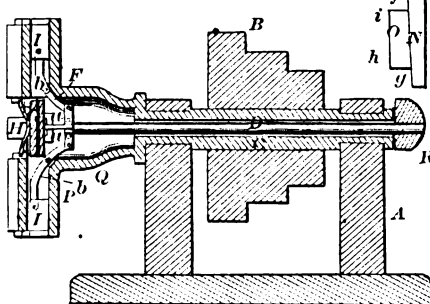
**86146**—T. Fowler—  
For Expelling Water  
from Cloth.



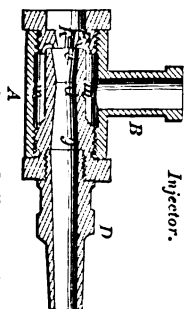
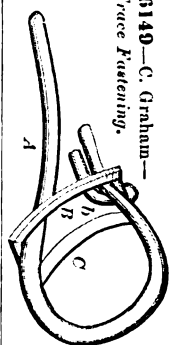
**86147**—J. Gibson, Jr.—Store Leg.



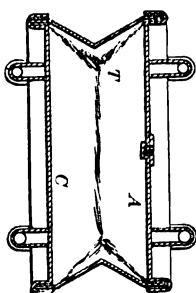
**86148**—G. D. Goodrich—Clay Machinery.



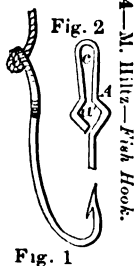
**86149**—C. Graham—  
Trace Fitting.



**86152**—J. T. Hancock—Boiler  
Injector.

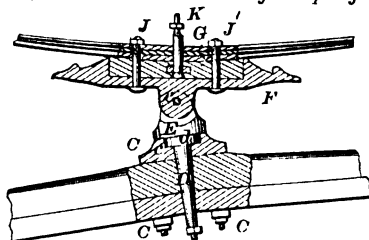


**86155**—J. E. Hobbs—Gasometer.



**86154**—M. Hillz—Fish Hook.

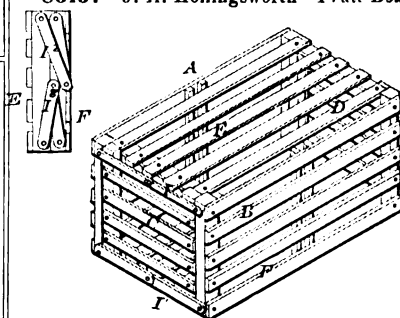
**86150**—L. Grim—Carriage Coupling.



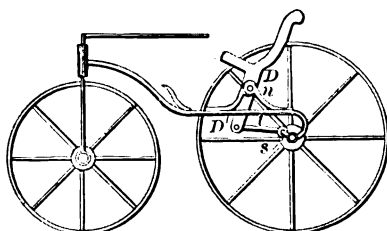
**86151**—Hamilton & Stevens—Constructing  
Lightning Rods.



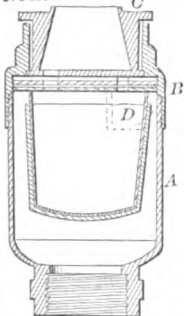
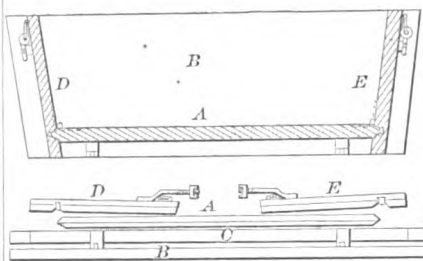
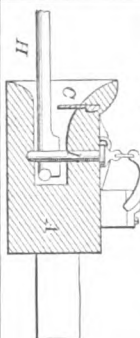
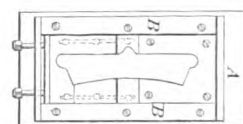
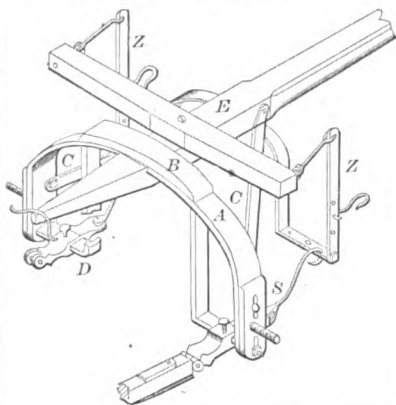
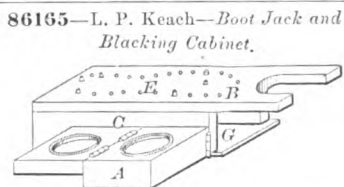
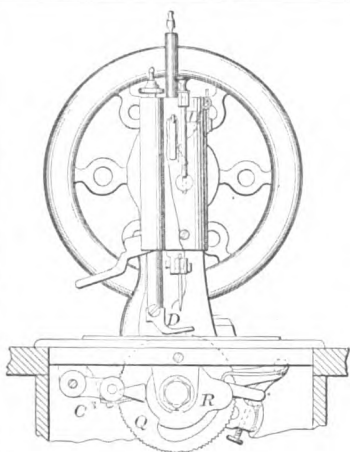
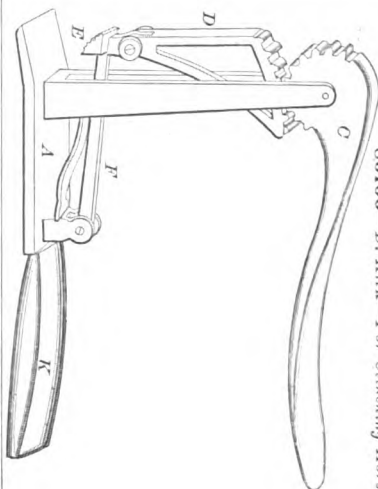
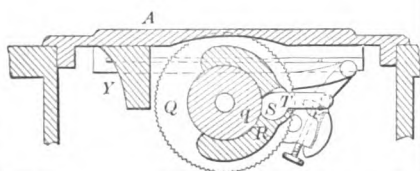
**86157**—J. H. Hollingsworth—Fruit Box.



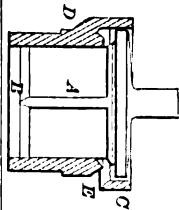
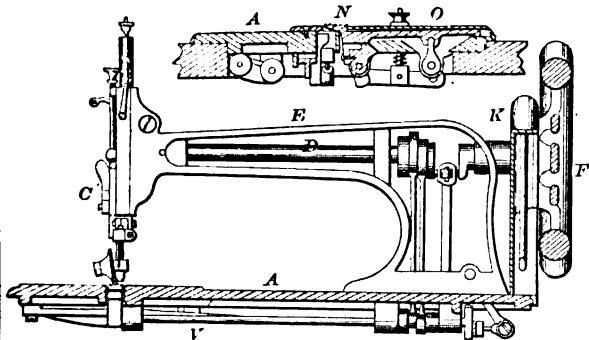
**86153**—J. E. Hawkins—Velocipede.



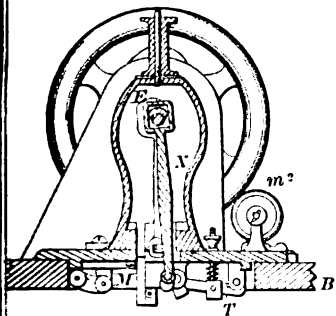
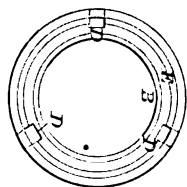


86158—H. Houston—*Nozzle Filter.*86159—C. H. Hudson—*Folding Tub.*86161—Hurd & Arlinger—*Car Coupling.*86160—J. Huff—*Cultivator.*86162—E. Jeffers—*Die for Cutting Paper Collars.*86163—L. P. Keach—*Boot Jack and Blacking Cabinet.*86163—J. T. Jones—*Sewing Machine.*86166—D. Kirk—*For Clinching Horse Shoe Nails.*

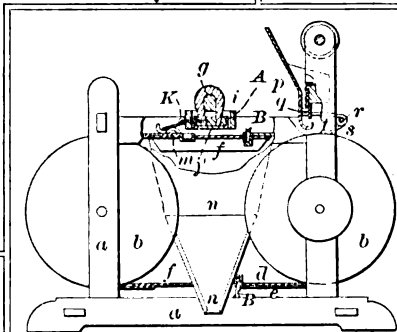
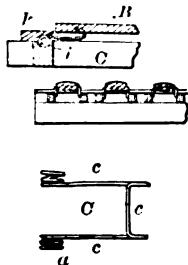
86164—J. T. Jones—Sewing Machine.



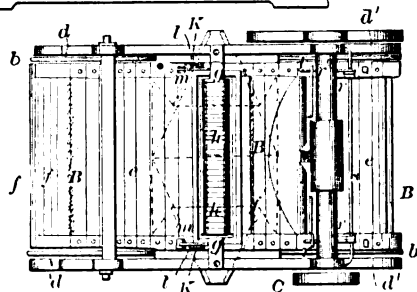
86108—W. H. Low—Steam Safety Valve



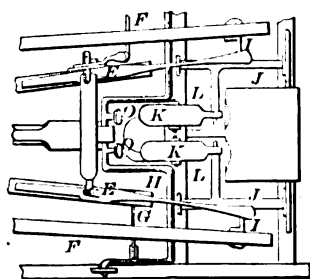
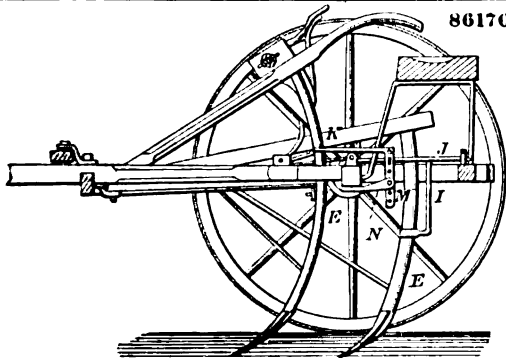
86139—D. Manuel—Spring Bed Bottom



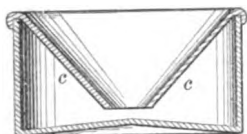
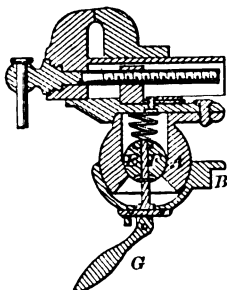
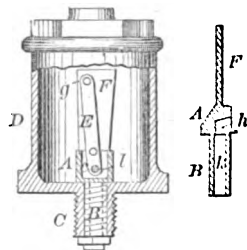
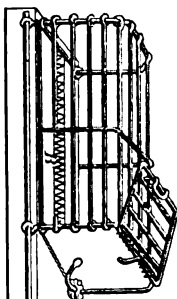
86167—La Rue & Audet—for Separating Magnetic from Non-Magnetic Substances.



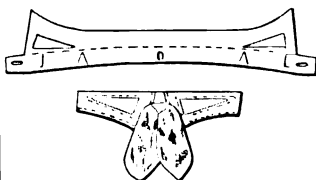
86170—T. J. Martin—Cultivator.



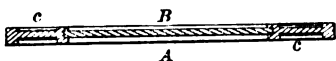
86171—T. J. Mayall—

*Rubber Spittoon.*86173—E. Maynard—  
*Ball and Socket Joint.*86174—McCullon & Woodcock—  
*Lubricator.*86175—Meritt & Gibbs—  
*Animal Trap.*

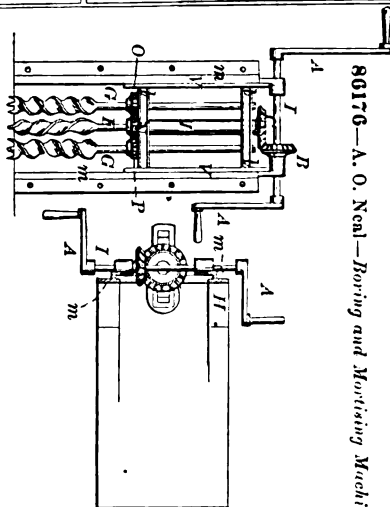
86180—C. W. Saladee—Collar.



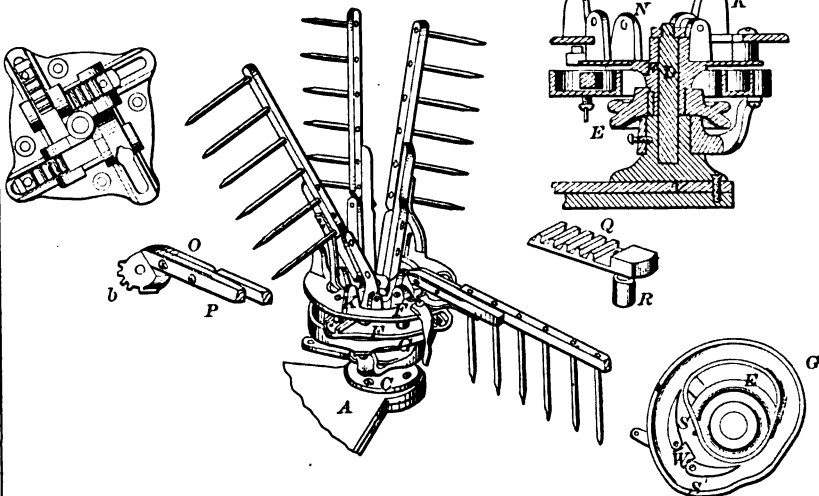
86177—D. W. Niles—Writing Slate.



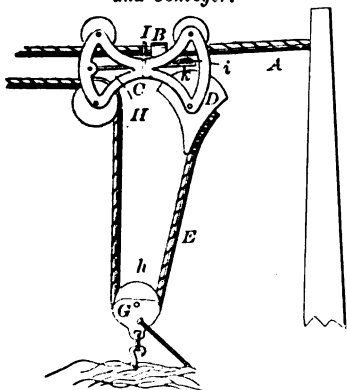
86176—A. O. Neal—Boring and Mortising Machine.



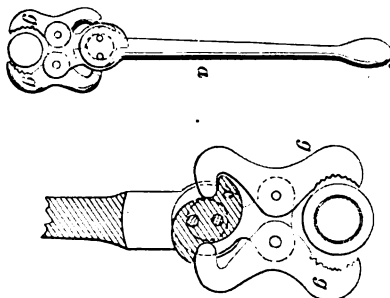
86178—H. F. Phillips—Harvester Rake.



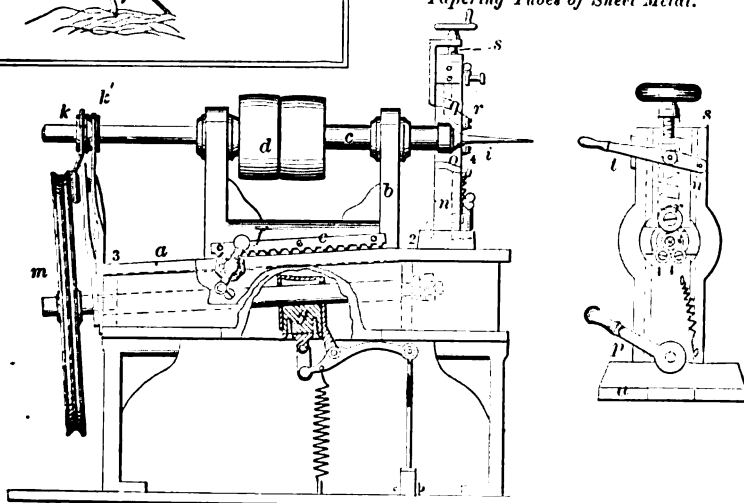
**86179**—T. I. Powell—*Hay Elevator and Conveyer.*



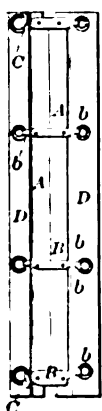
**86181**—P. A. Samuel—*Wrench.*



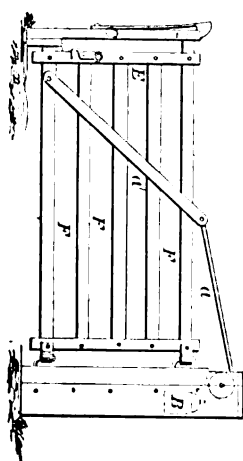
**86182**—F. I. Seymour—*For Spinning Tapering Tubes of Sheet Metal.*



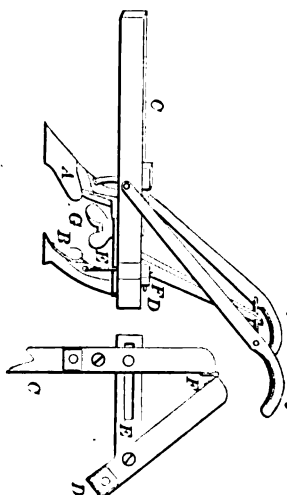
**86183**—H. N. Sherman—*Correl Fencing.*



**86184**—G. Smith—*Farm Gate.*

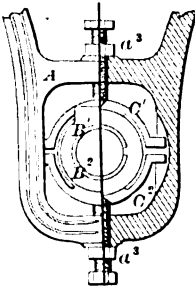


**86185**—J. S. Smith—*Cultivator for Drying Cotton.*

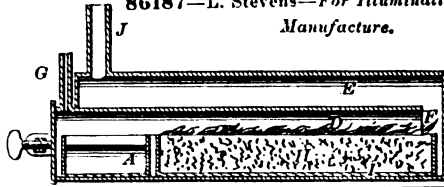




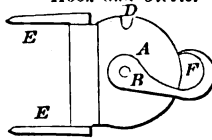
**86186**—H. F. Snyder—*Hanger for Shooking.*



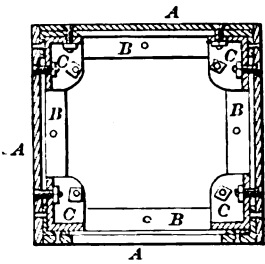
**86187**—L. Stevens—*For Illuminating Gas Manufacture.*



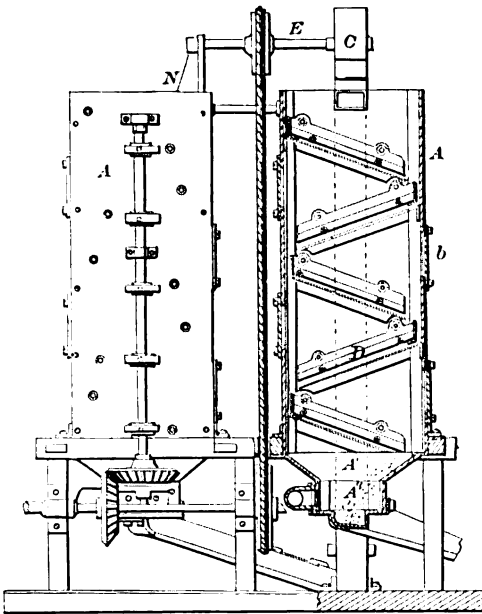
**86188**—A. Strever—*Hames Hook and Clevis.*



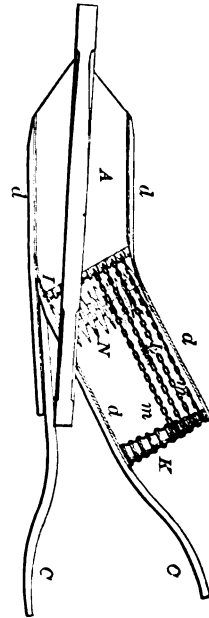
**86189**—T. J. Sullivan—*Safe.*



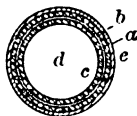
**86192**—H. Walker—*Grain Dryer.*



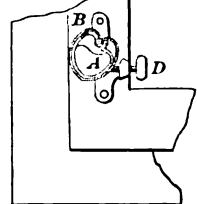
**86190**—Terhune & Romaine—*Potato Plan.*



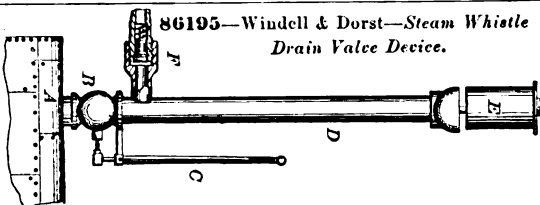
**86193**—J. W. Weston—*Float for Life Preservers.*



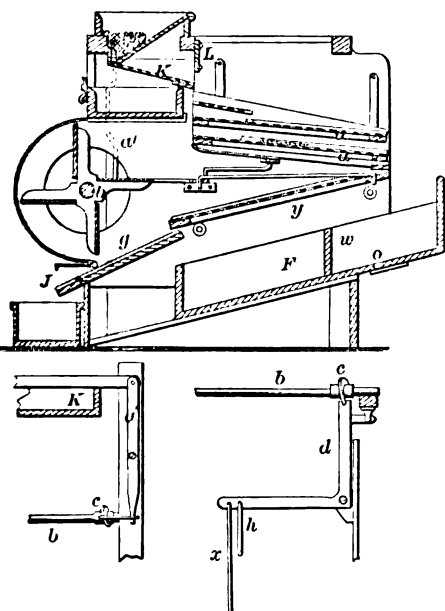
**86191**—R. M. Thompson—*Sash Holder.*



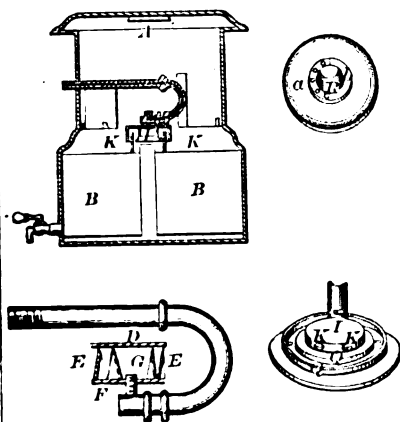
**86195**—Windell & Dorst—*Steam Whistle Drain Valve Device.*



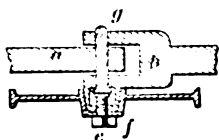
**86194**—J. E. Wheat—*Grain Cleaner.*



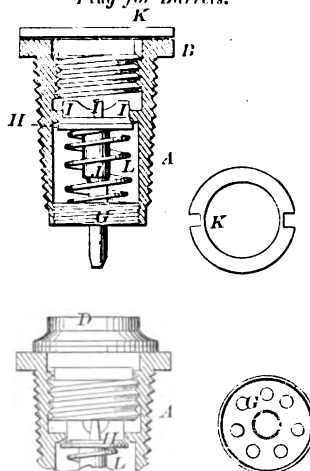
**86198**—C. M. Young—*Vapor Heater.*



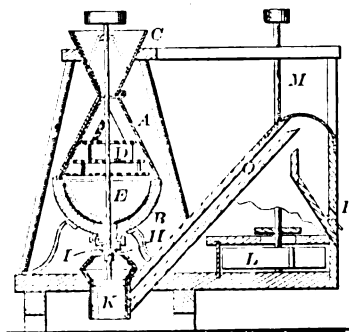
**86197**—A. & G. F. Wright—*Endless Chain for Horse Power.*



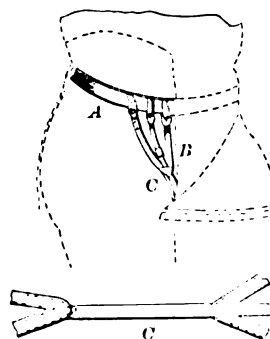
**86196**—Windell & Dorst—*Plug for Barrels.*

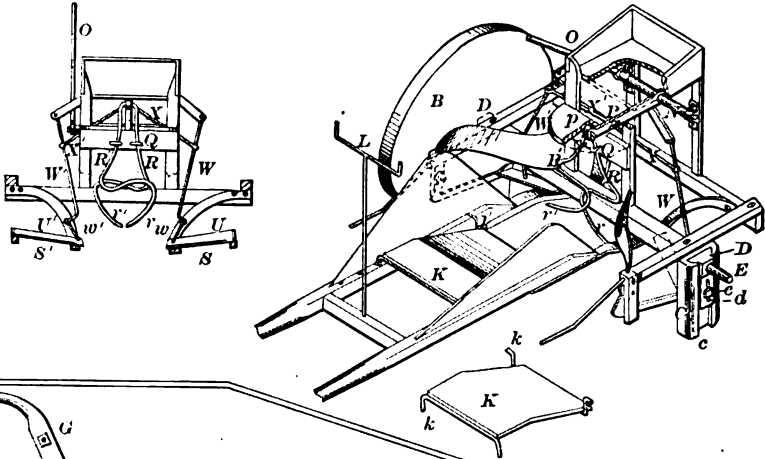
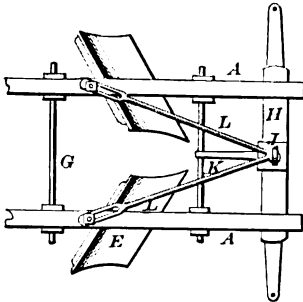
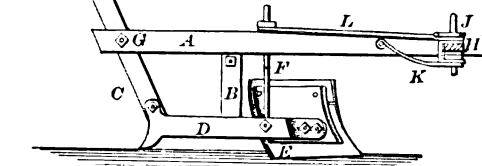
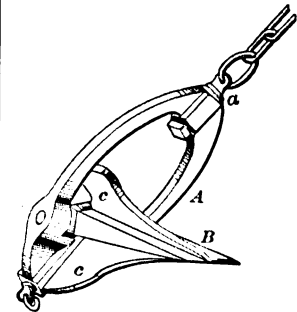
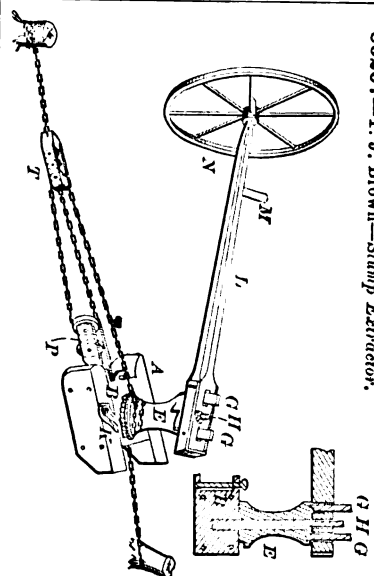
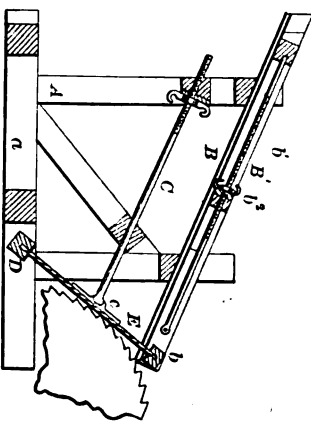


**86199**—J. W. Ardinger—*Grain Feeding and Scouring Apparatus.*

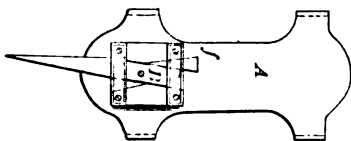


**86204**—J. R. Blake—*Truss*

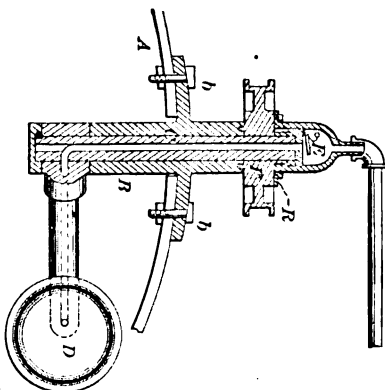


86203—M. & W. P. Bales—*Corn Harvester.*86205—W. R. Blanchard—*Cultivator.*86206—C. F. Brown—*Anchor.*86207—T. J. Brown—*Stump Extractor.*86208—J. R. Bullis—*Jointer for Circular Saws.*

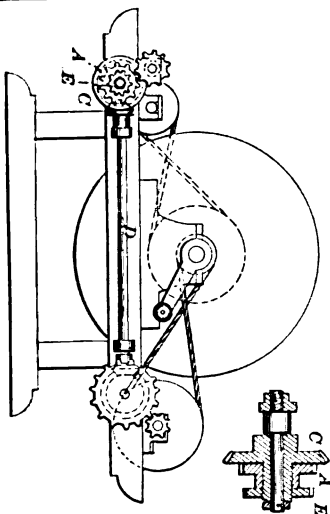
86209—T. & J. H. Burdick—*Mortising Tool.*



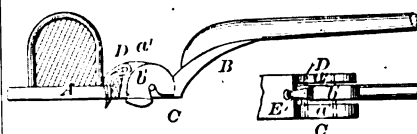
86213—J. F. Collins—*Pump.*



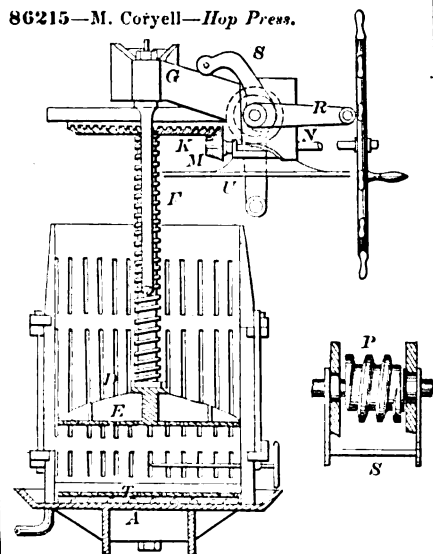
86211—Cleveland & Russell—*Cutting Engine.*



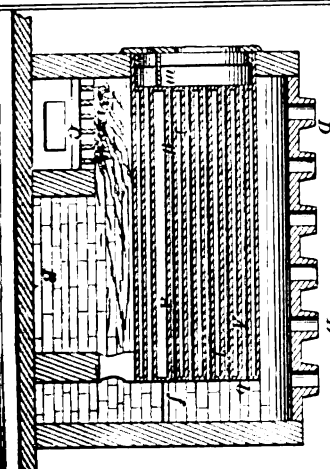
86212—J. L. Cole—*Coupling.*



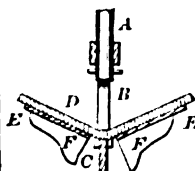
86215—M. Coryell—*Hop Press.*



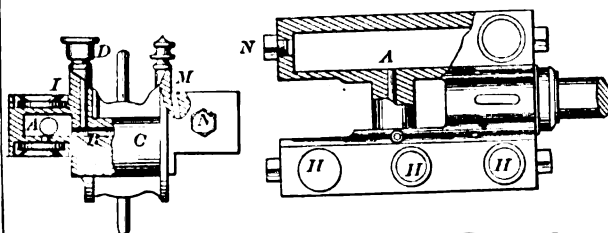
86210—J. H. & J. B. Clark—*Steam Heater.*



86216—J. C. & T. Couldrey—*Pump Valve.*



86214—I. H. Congdon—*Cross Head for Steam Engines.*

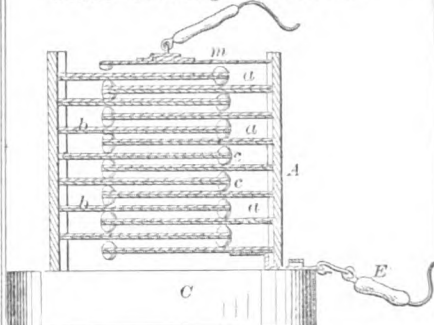
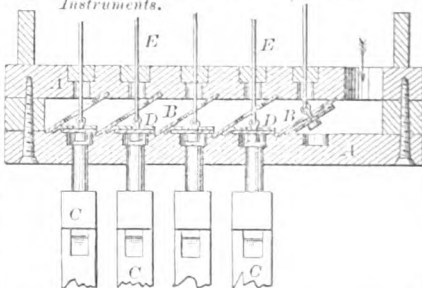
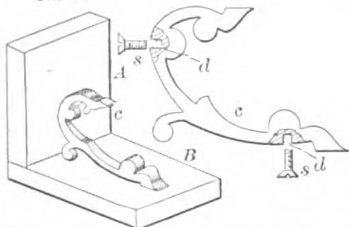
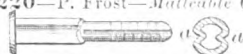
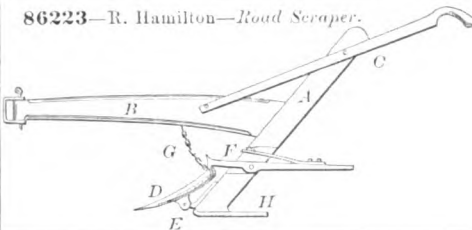
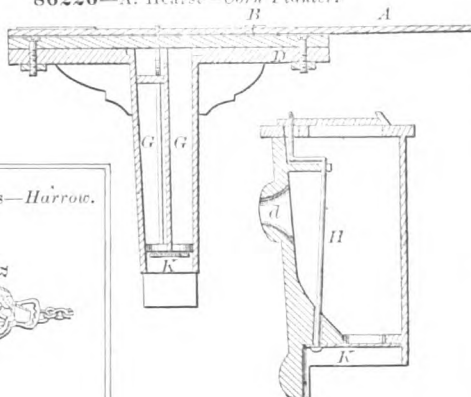
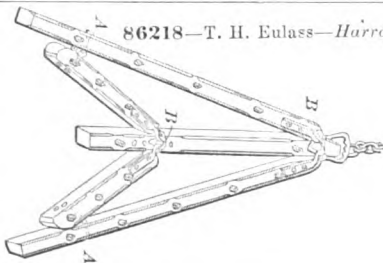


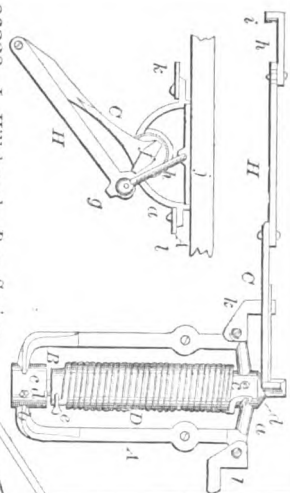


86217—G. W. Davis—Keeper for Door Bolts.



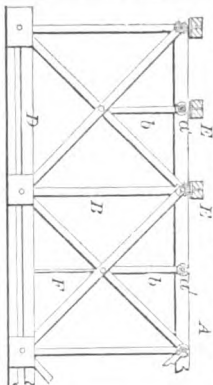
86224—T. May—Globe Holder.

86221—J. J. Geiger—*Voltaic Pile.*86219—C. Fogelberg—*Melody for Keyboard Instruments.*86222—P. E. & J. P. Gruger—*Wash Stand.*86220—P. Frost—*Malleable Cast Iron Bolt.*86223—R. Hamilton—*Road Scraper.*86226—A. Hearst—*Corn Planter.*86218—T. H. Eulass—*Harrow.*

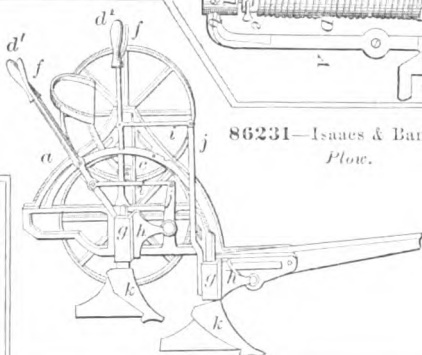


86228—L. Hillebrand—Door Spring.

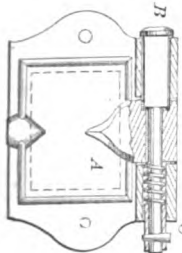
86227—G. P. Hertel, Jr.—Truss Bridge.



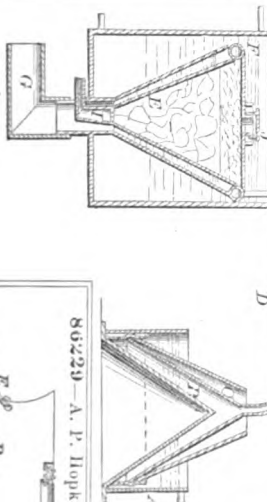
86231—Isaacs & Banner—Plow.



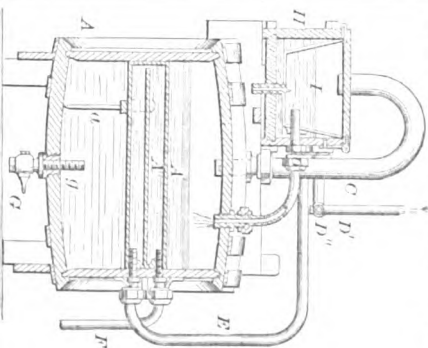
86230—W. R. Hunter—Car Axle Box.



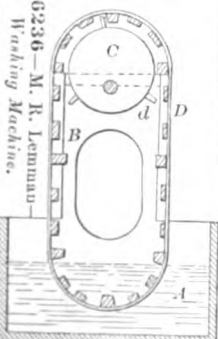
86232—C. M. James—Fog Distilling Volatile Hydro-Carburets.



86234—A. W. Lake—Fermenting Ale.



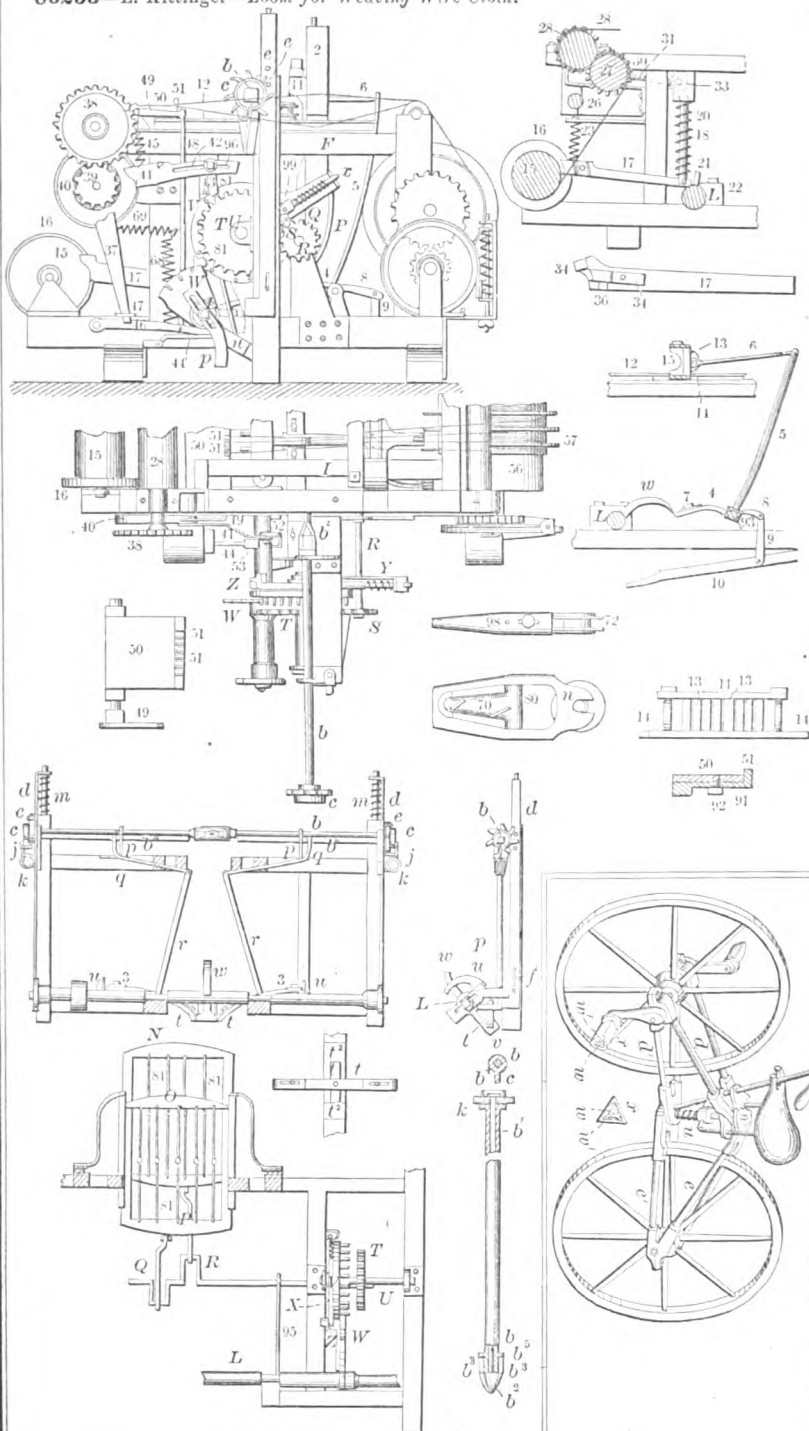
86236—M. R. Lehman—Washing Machine.

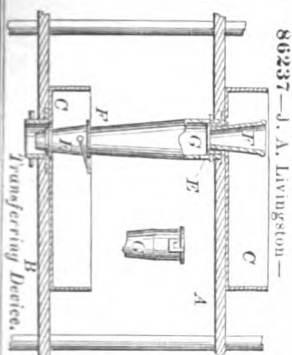


86229—A. P. Hopkins—Plow and Scraper.

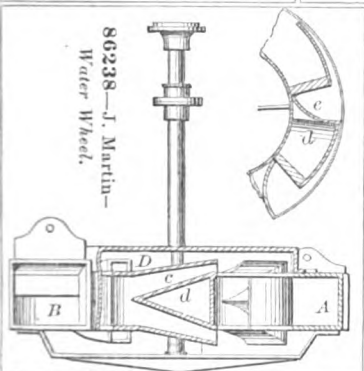
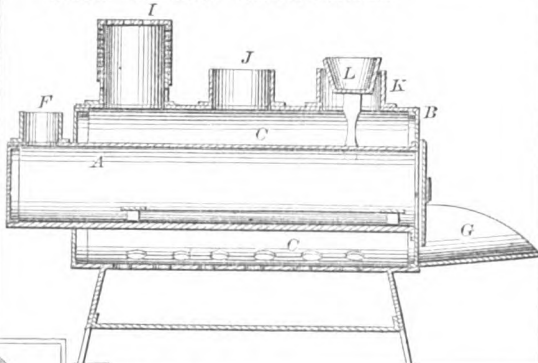


86233—L. Kittinger—*Loom for Weaving Wire Cloth.*

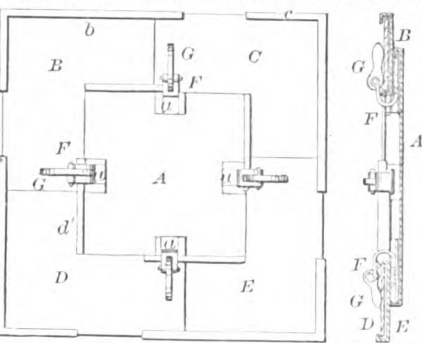




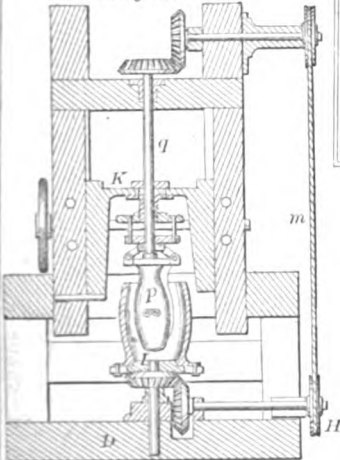
86239—J. Martin—Hot Air Furnace.



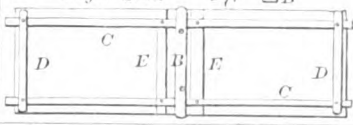
86240—G. W. & W. H. Metcalf—Fire Board.



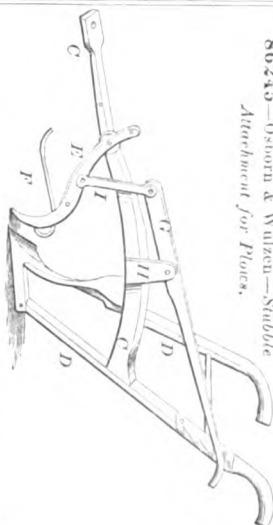
86243—A. Newkumet—  
Moulding Crucibles.



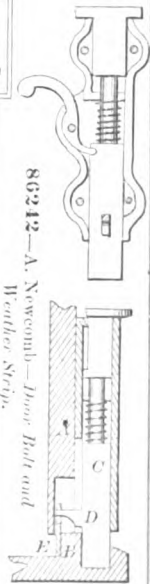
86241—J. H. Nale—  
Wagon Seat.



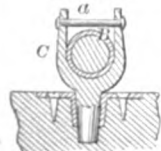
86245—Osborn & Wulken—Stubble  
Attachment for Plows.



86242—A. Newcomb—Door Bolt and  
Weather Strip.

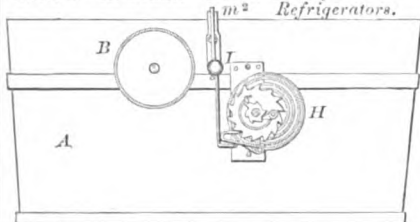


86244—J. W. Norcross—  
Row Lock.

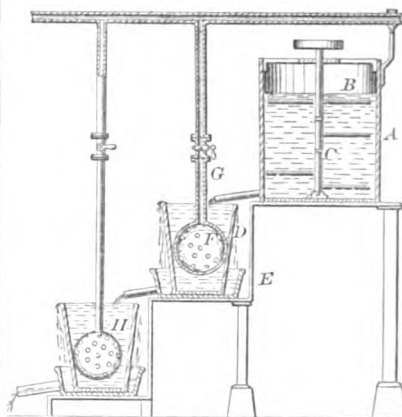




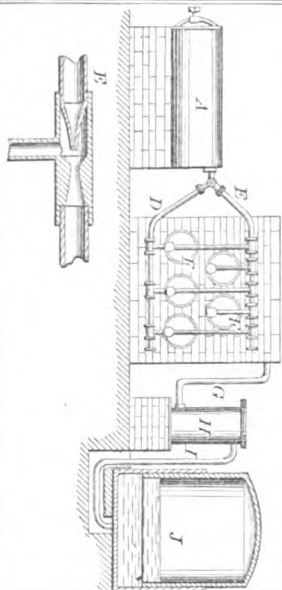
86246—H. Pennie—Alarm Tank for  
m<sup>2</sup> Refrigerators.



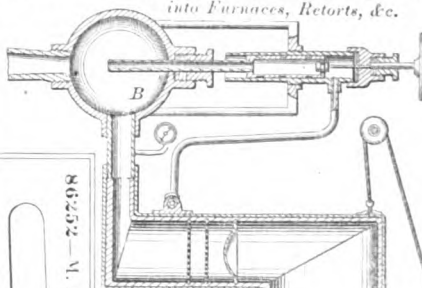
86249—J. H. Rae—Ore Washer and  
Separator.



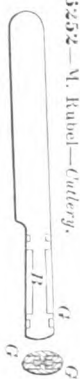
86248—O. M. Phillips—Manufacture of Oxygen Gas.



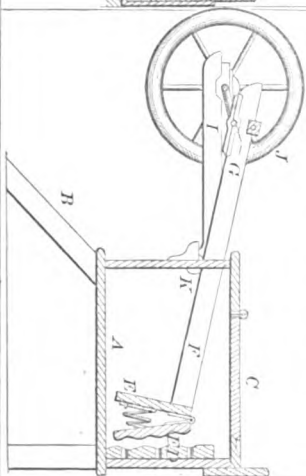
86247—O. M. Phillips—Introducing Oxygen Gas  
into Furnaces, Retorts, &c.



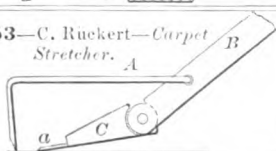
86252—M. Kugel—Cutlery.



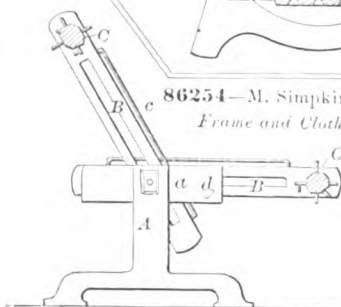
86250—J. Kingen—Washing Machine.



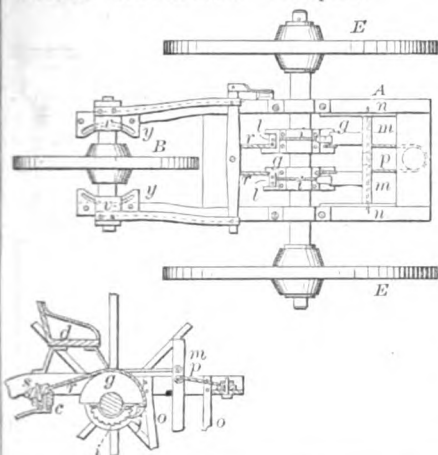
86253—C. Ruekert—Carpet  
Stretchers. A



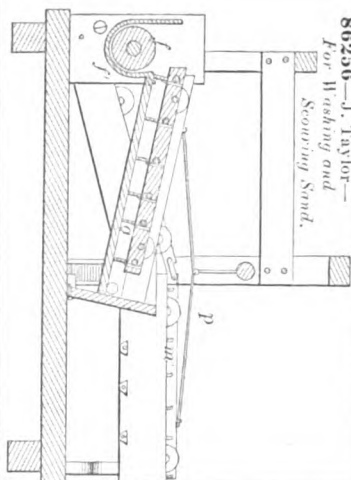
86254—M. Simpkins—Quilting  
Frame and Clothes Dyer.



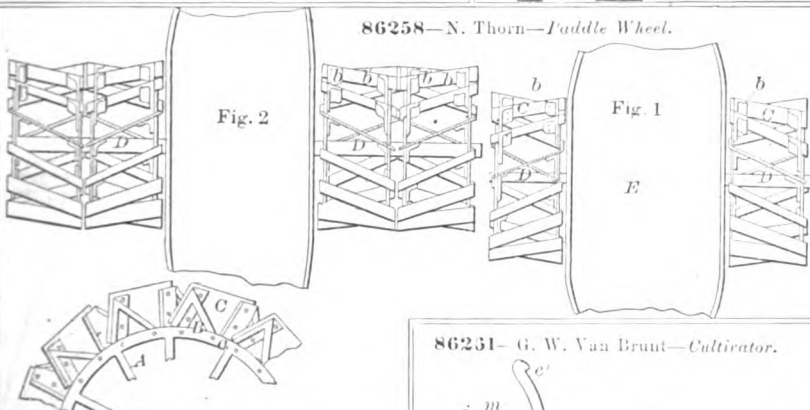
86251—D. T. Robinson—*Velocipede.*



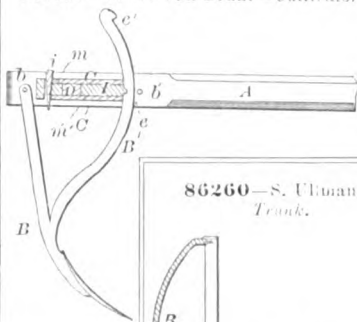
86256—J. Taylor—*For Washing and Scouring Sand.*



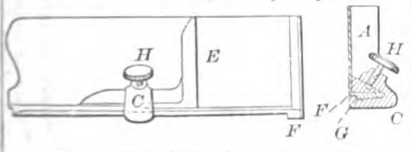
86258—N. Thorn—*Ladle Wheel.*



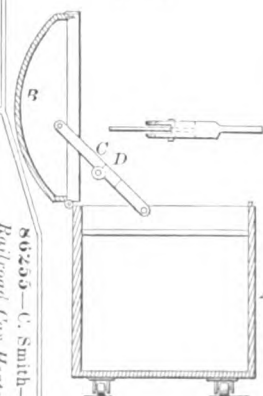
86251—G. W. Van Brunt—*Cultivator.*



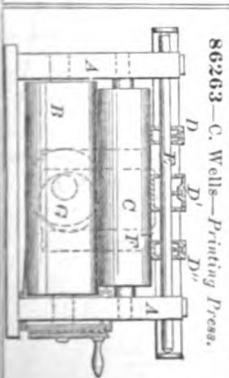
86257—R. W. Thing—*Composing Stick.*



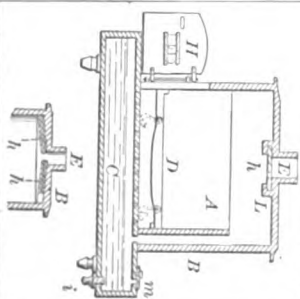
86260—S. Uhlmann—*Truck.*



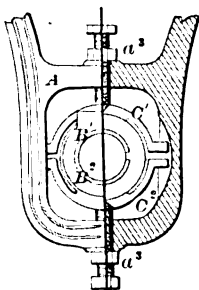
86263—C. Wells—*Printing Press.*



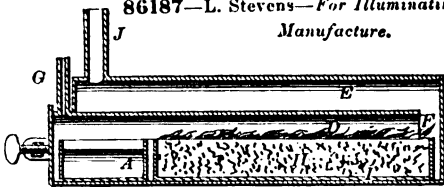
86265—C. Smith—*Railroad Car Heater.*



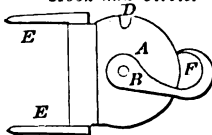
**86186**—H. F. Snyder—*Hanger for Shooting.*



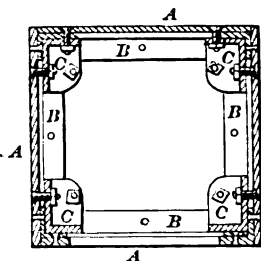
**86187**—L. Stevens—*For Illuminating Gas Manufacture.*



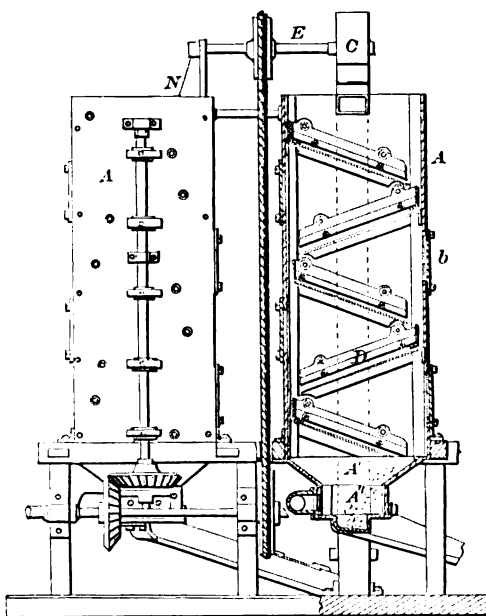
**86188**—A. Strever—*Hames Hook and Clevis.*



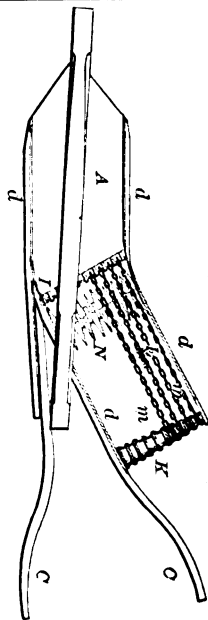
**86189**—T. J. Sullivan—*Safe.*



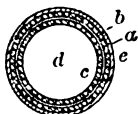
**86192**—H. Walker—*Grain Dryer.*



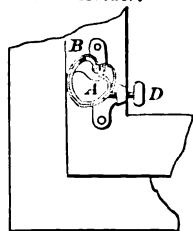
**86190**—Terhune & Romaine—*Potato Planter.*



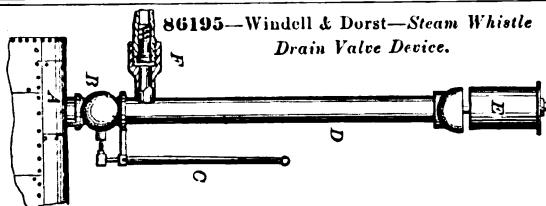
**86193**—J. W. Weston—*Float for Life Preservers.*



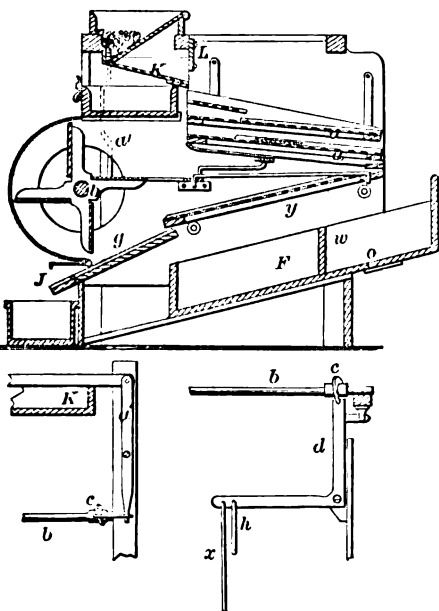
**86191**—R. M. Thompson—*Sash Holder.*



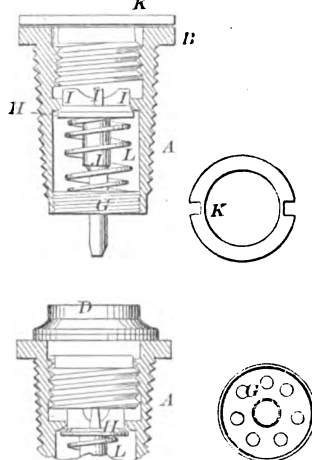
**86195**—Windell & Dorst—*Steam Whistle Drain Valve Device.*



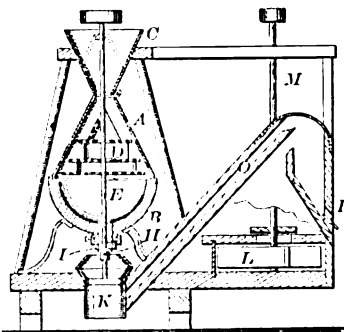
**86194**—J. E. Wheat—*Grain Cleaner.*



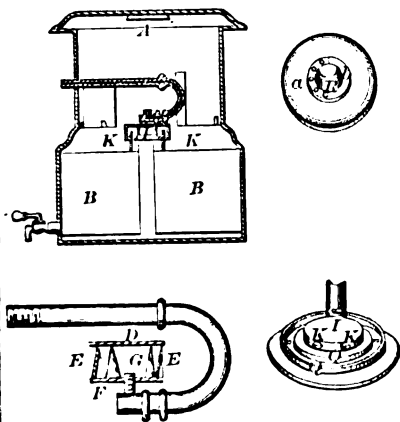
**86196**—Windell & Dorst—*Plug for Barrels.*



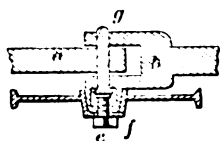
**86199**—J. W. Ardinger—*Grain Feeding and Scouring Apparatus.*



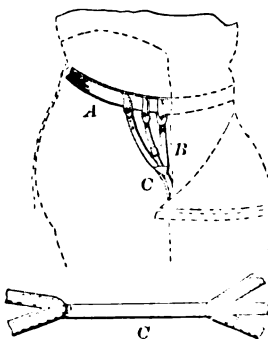
**86198**—C. M. Young—*Vapor Heater.*

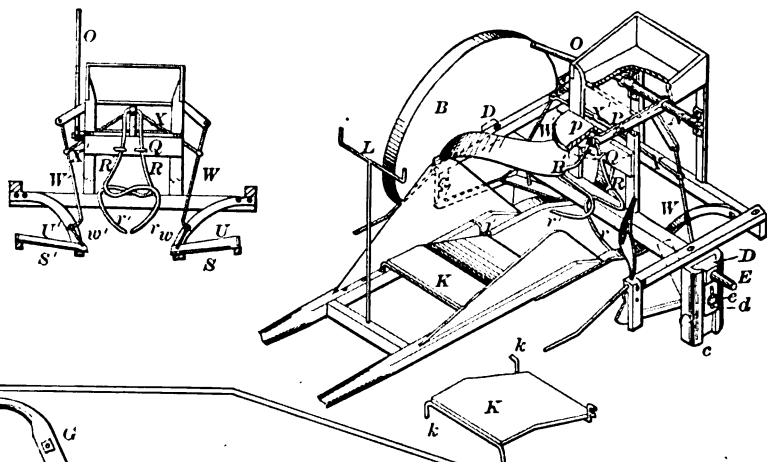
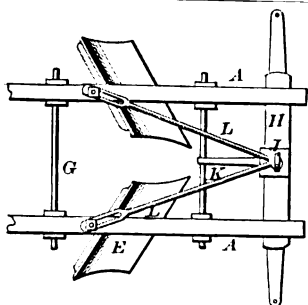
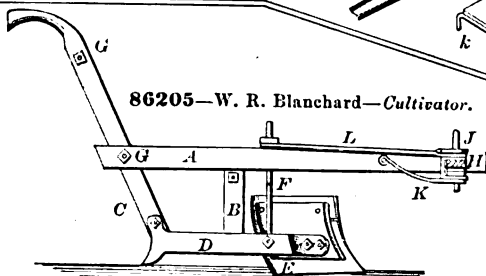
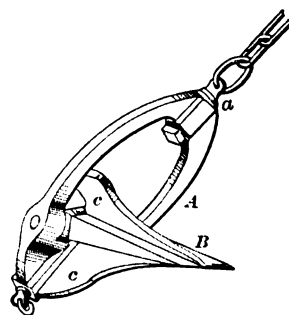
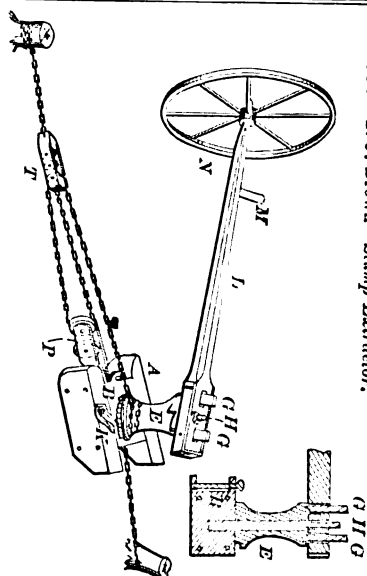
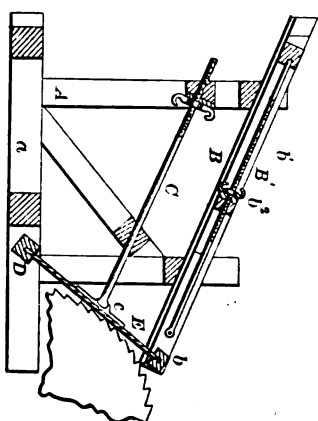


**86197**—A. & G. F. Wright—*Endless Chain for Horse Power.*

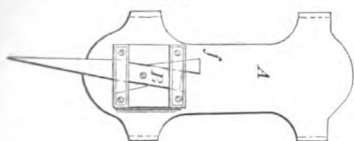


**86204**—J. R. Blake—*Truss*

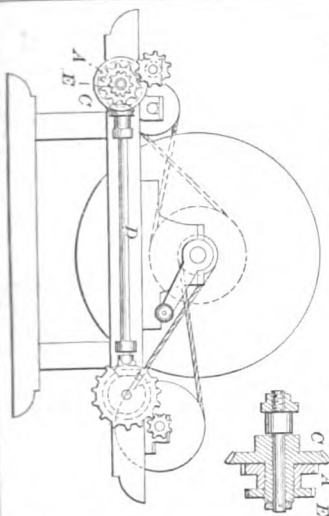


86203—M. & W. P. Bales—*Corn Harvester.*86205—W. R. Blanchard—*Cultivator.*86206—C. F. Brown—*Anchor.*86207—T. J. Brown—*Stump Extractor.*86208—J. R. Bullis—*Jointer for Circular Saws.*

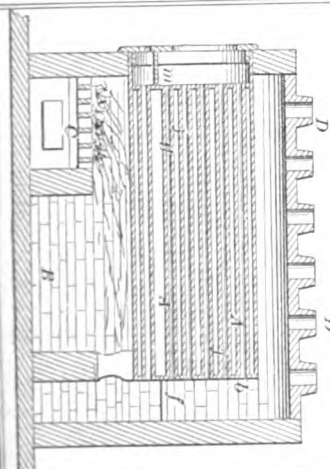
86209—T. & J. H. Bardick—Mortising Tool.



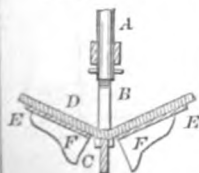
86211—Cleveland & Bassett—Carding Engine.



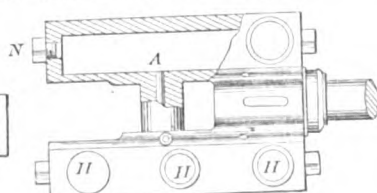
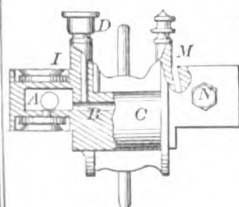
86210—J. H. & J. B. Clark—Steam Heater.



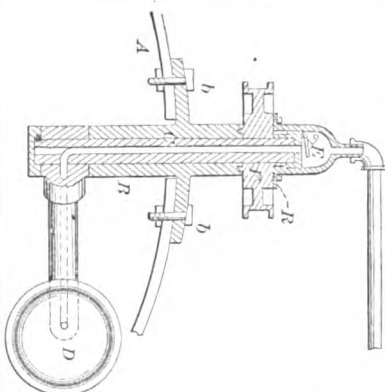
86216—J. C. & T. Couldrey—Pump Valve.



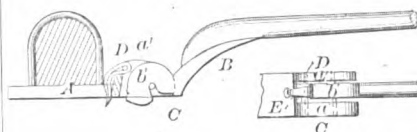
86214—I. H. Congdon—Cross Head for Steam Engines.



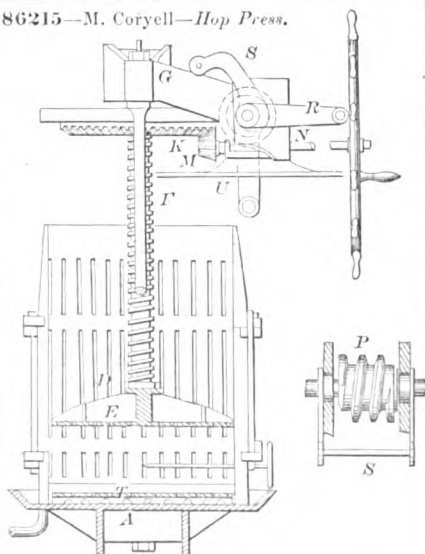
86213—J. F. Collins—Pump.



86212—J. L. Cole—Coupling.

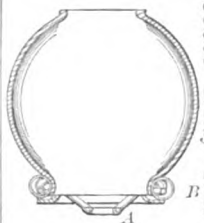


86215—M. Coryell—Hop Press.





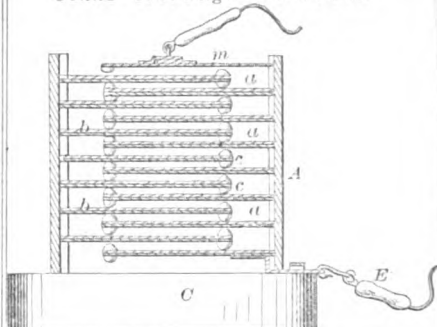
86217—G. W. Davis—Keeper for Door Bolts.



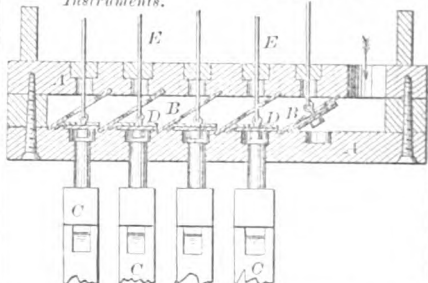
86224—T. Hilly—Globe Holder.



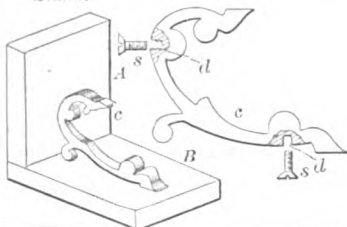
86221—J. J. Geiger—Voltaic Pile.



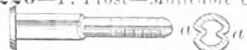
86219—C. Fogelberg—Melody for Keyboard Instruments.



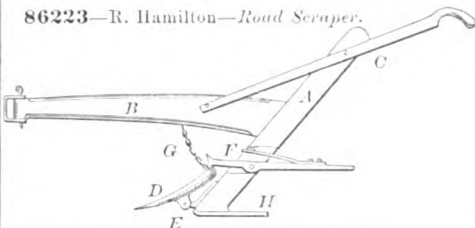
86222—P. E. &amp; J. P. Gruger—Wash Stand.



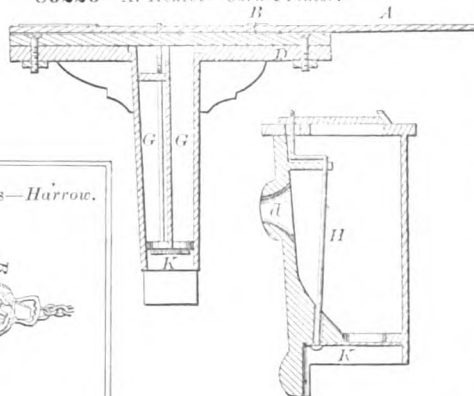
86220—P. Frost—Multicable Cast Iron Bolt.



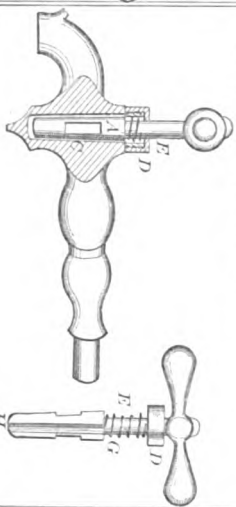
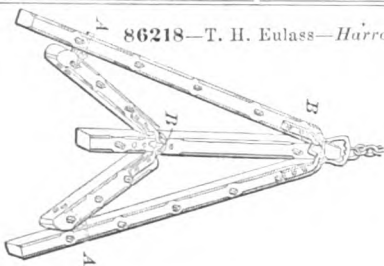
86223—R. Hamilton—Road Scraper.



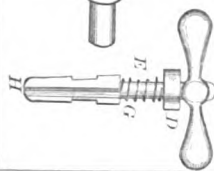
86226—A. Hearst—Corn Planter.

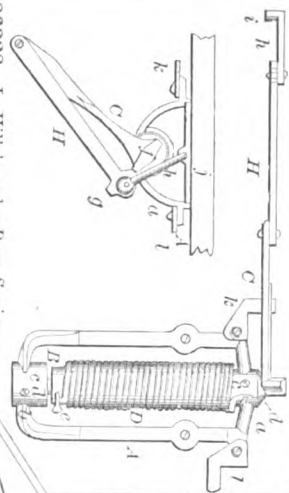


86218—T. H. Eulass—Harrow.



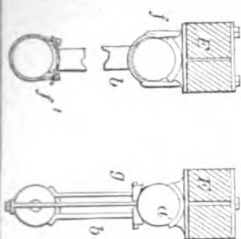
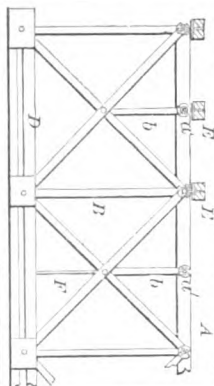
86225—J. Hayden, Jr.—Faucet.



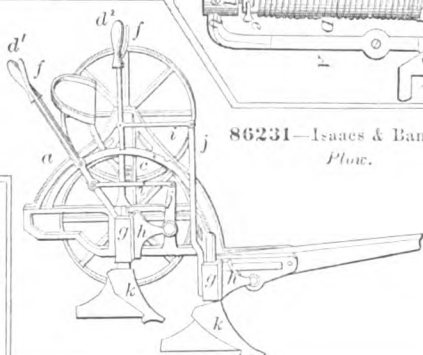
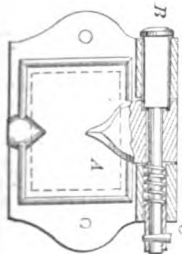


86228—L. Hillebrand—Door Spring.

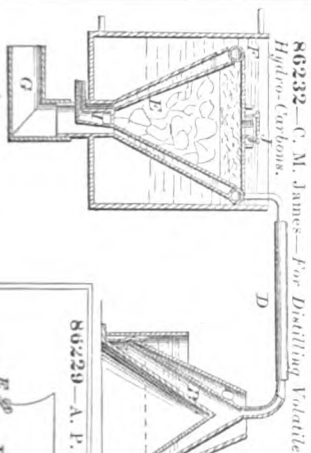
86227—G. P. Herbel, Jr.—Yrass Bridge.



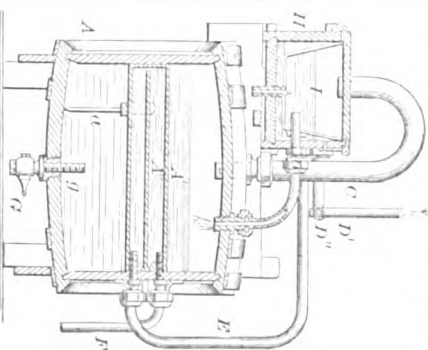
86230—W. R. Hunter—Car Axle Box.



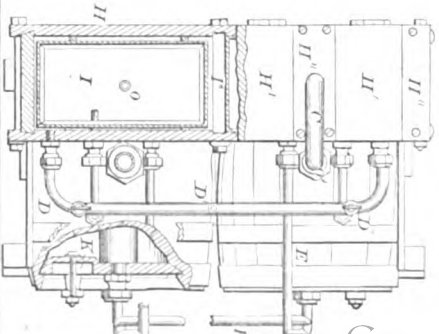
86231—Iraacs & Banner—Plow.



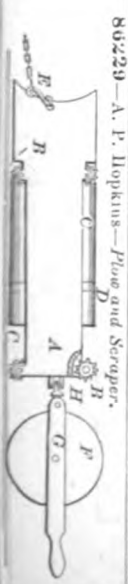
86232—C. M. James—For Distilling Volatile.



86234—A. W. Lake—Fermenting Ale.



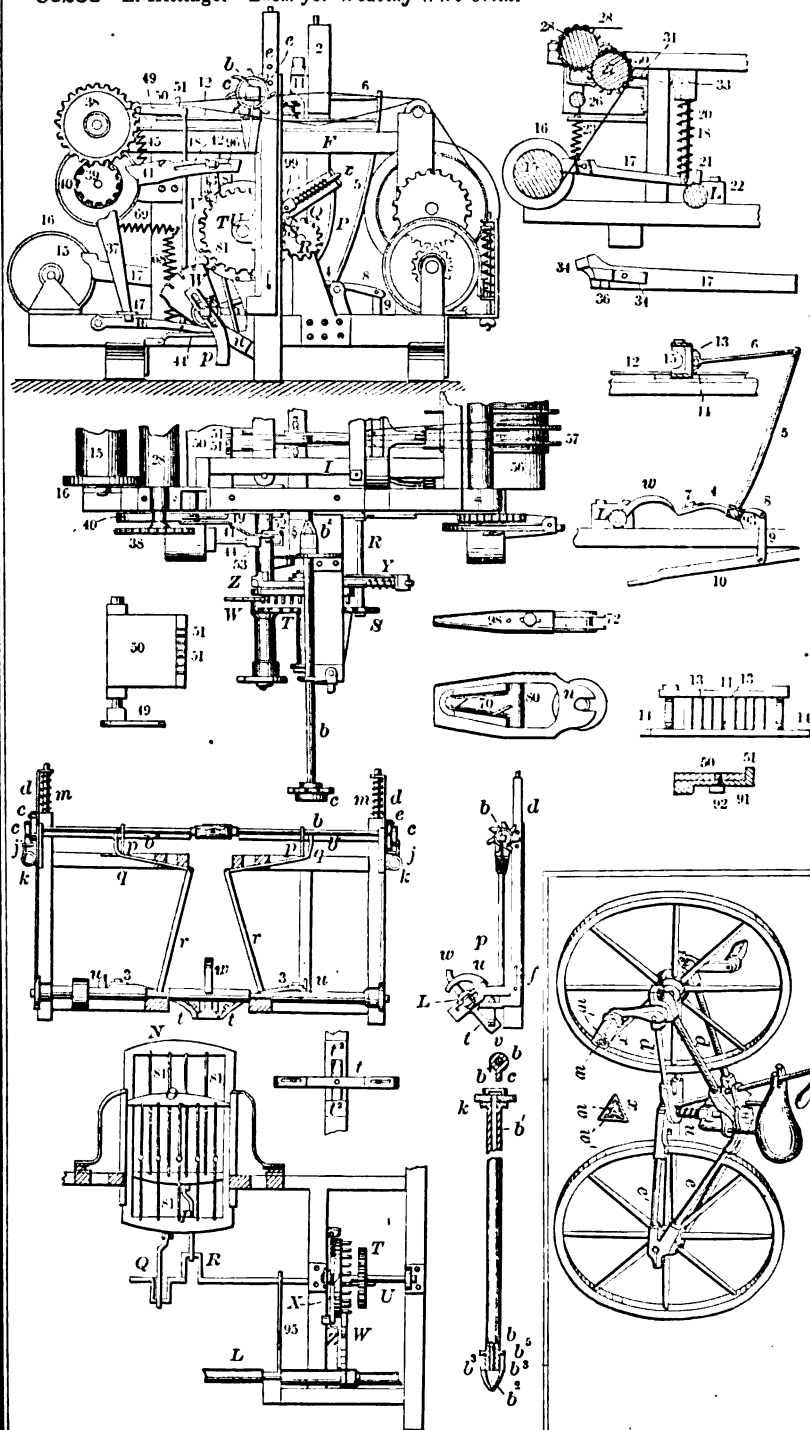
86236—M. K. Lemman—Washing Machine.



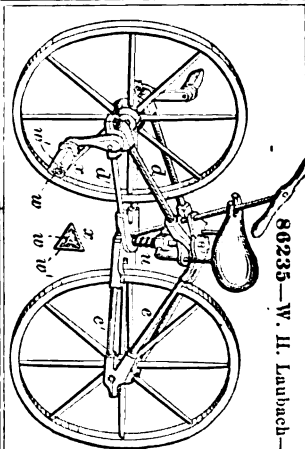
86229—A. P. Hopkins—Plow and Scraper.

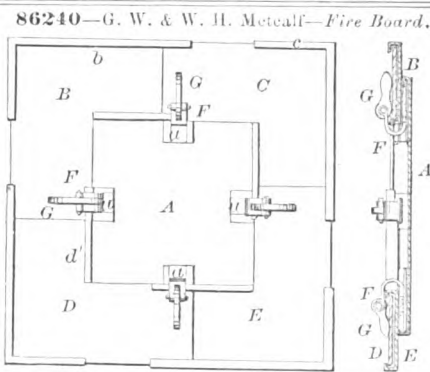
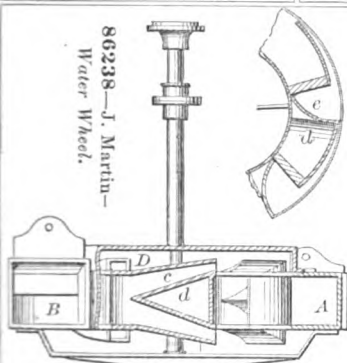
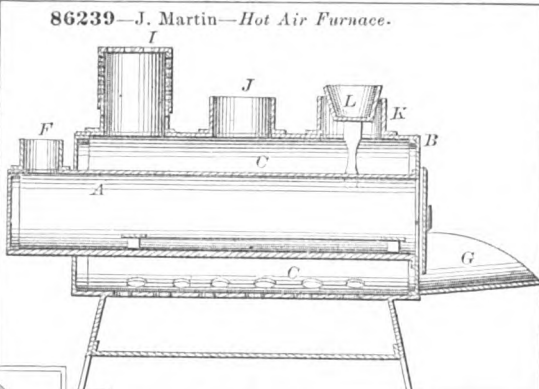
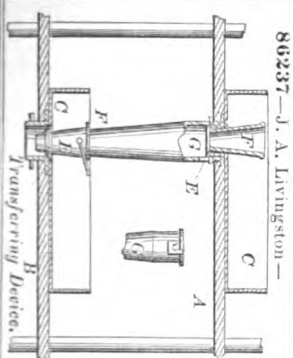


86233—L. Kittinger—Loom for Weaving Wire Cloth.

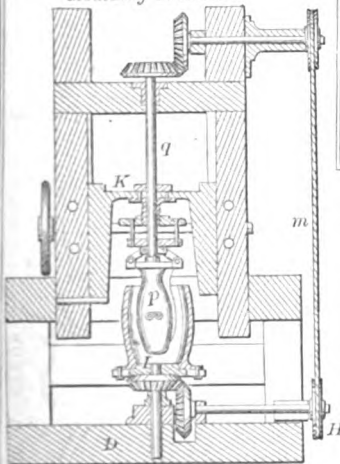


86235—W. H. Lambach—Velocipede.

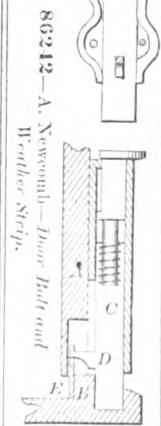
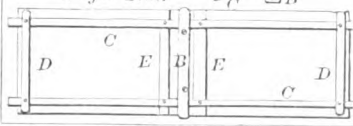




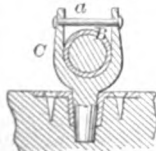
86243—A. Newkumet—  
Moulding Crucibles.



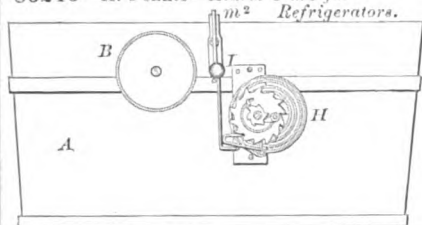
86241—J. H. Hale—  
Wagon Seat.



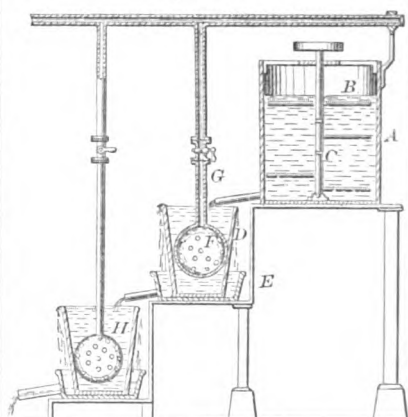
86244—J. W. Norcross—  
Row Lock.



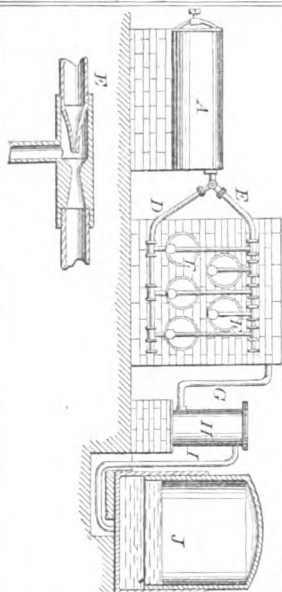
86246—H. Pennie—Alarm Tank for Refrigerators.



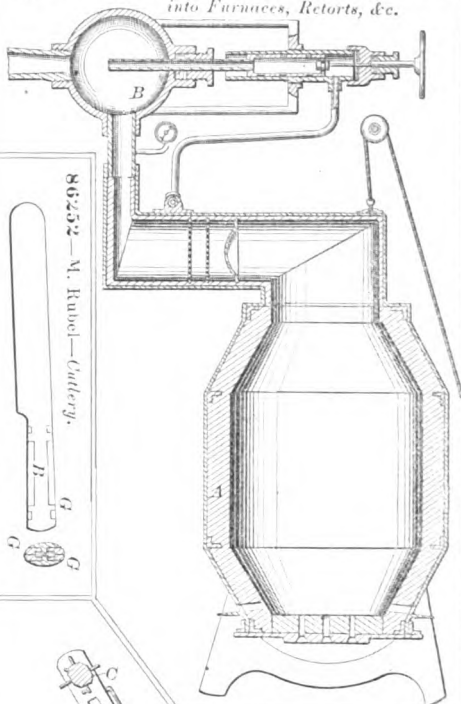
86249—J. H. Rac—Ore Washer and Separator.



86248—O. M. Phillips—Manufacture of Oxygen Gas.



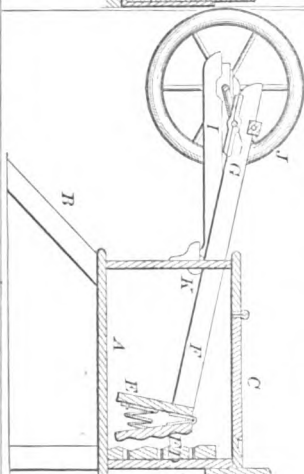
86247—O. M. Phillips—Introducing Oxygen Gas into Furnaces, Retorts, &amp;c.



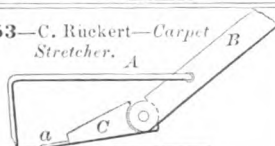
86252—M. Kuebel—Cutlery.



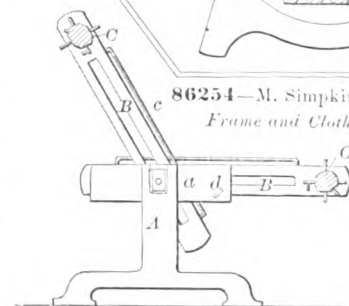
86250—J. Kingen—Washing Machine.



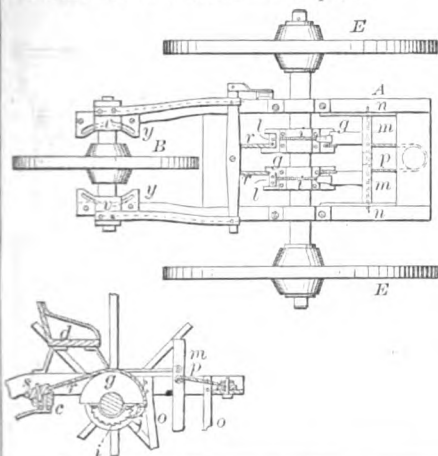
86253—C. Ruckert—Carpet Stretcher.



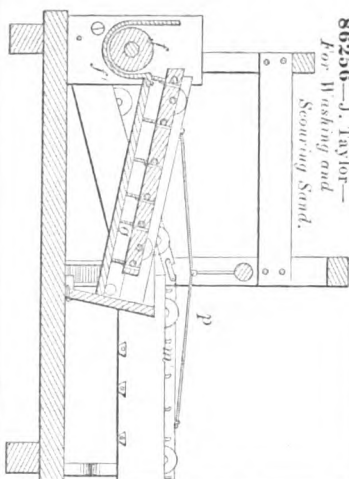
86254—M. Simpkins—Quilting Frame and Clothes Dryer.



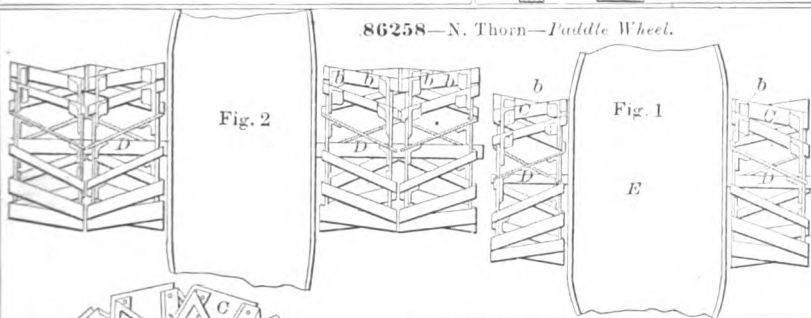
86251—D. T. Robinson—*Velocipede.*



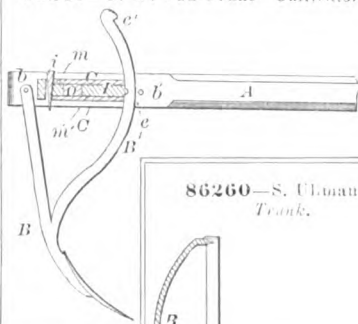
86256—J. Taylor—*For Washing and Scouring Starch.*



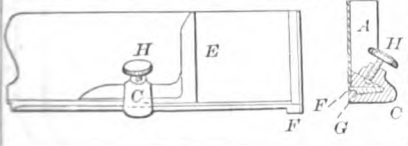
86258—N. Thorn—*Paddle Wheel.*



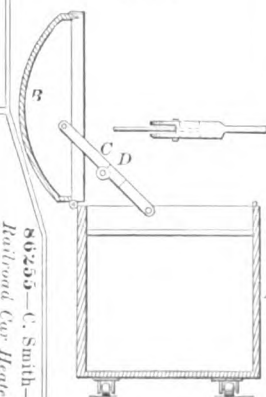
86251—G. W. Van Brunt—*Cultivator.*



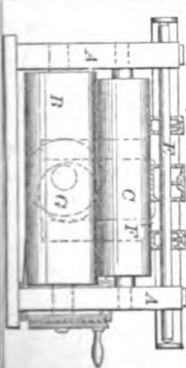
86257—R. W. Thing—*Composing Stick.*



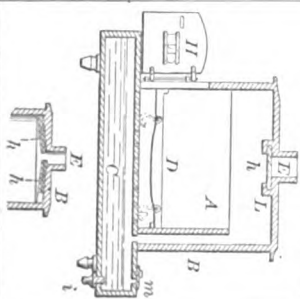
86260—S. Ulmaun—*Trunk.*



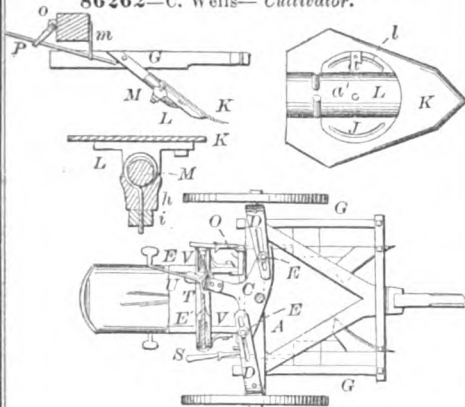
86263—C. Wells—*Printing Press.*



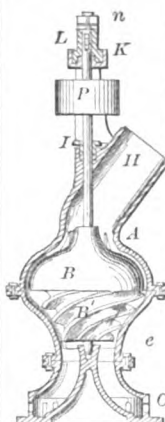
86265—C. Smith—*Railroad Car Heater.*



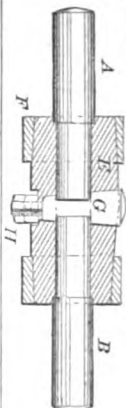
86262—C. Wells—Cultivator.



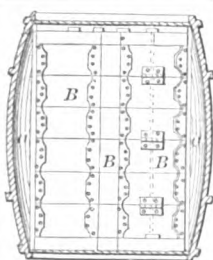
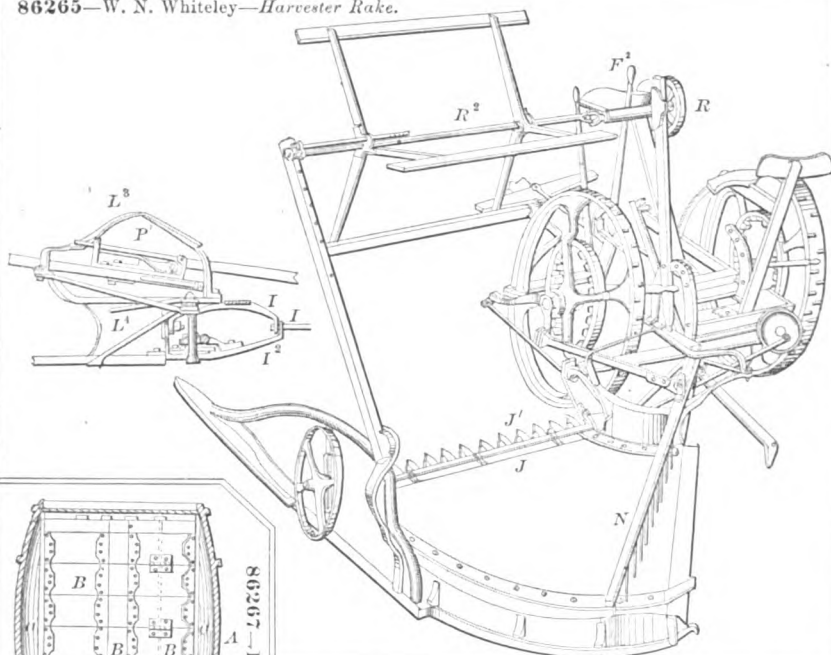
86264—White &amp; Henson—Pump.



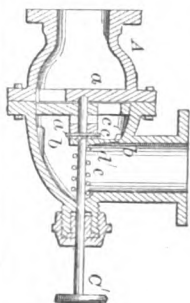
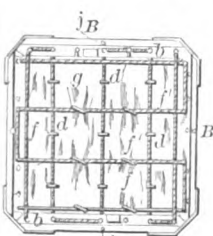
86266—E. L. Abbott—Shaft Coupling.



86265—W. N. Whiteley—Harvester Rake.

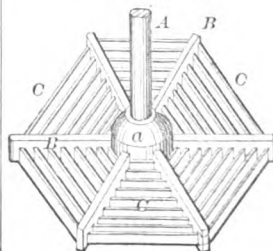


86267—L. R. Amsden—Egg and Fruit Carrier.

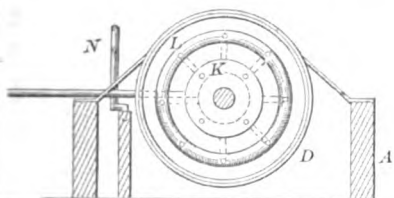
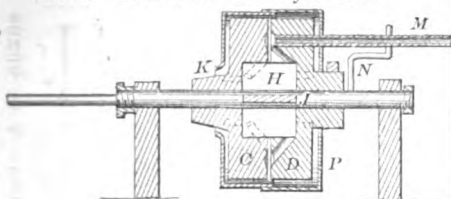


86268—G. Baker—Valve for Steam and other Machinery.

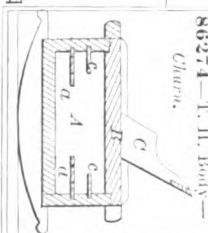
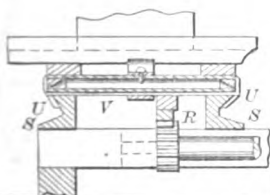
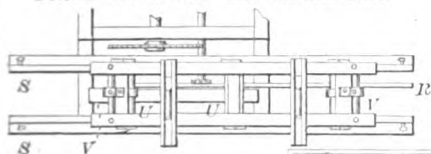
86269—C. J. Baldwin—Churn Dasher.



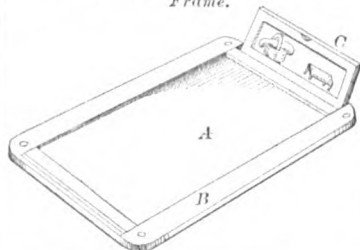
86270—D. H. Ball—Heater for Mills.



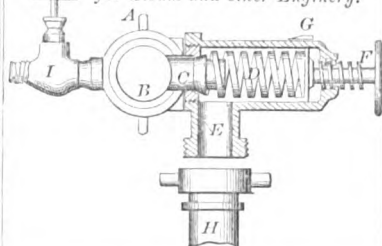
86271—D. H. Ball—Circular Saw Mill.



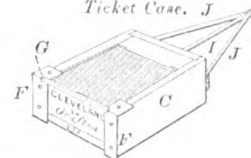
86272—W. N. Bartholomew—Slate Frame.



86273—C. E. Blake—Pump Device for Steam and other Engineering.

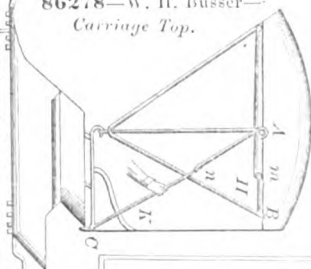


86277—F. Brewster—Railroad Ticket Case.

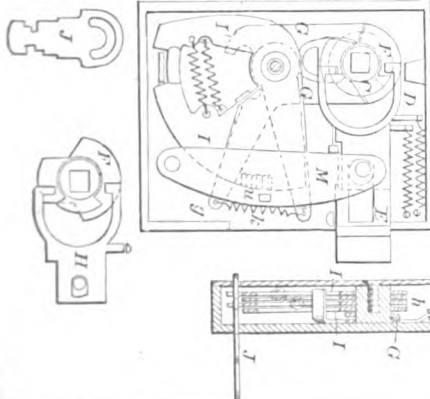


86274—T. H. Brady—Churn.

86278—W. H. Busser—Carriage Top.



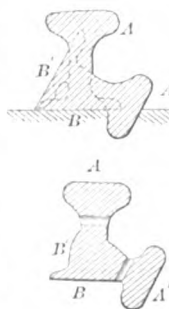
86276—J. Brady—Latch and Lock.



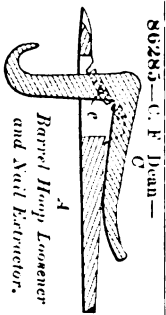
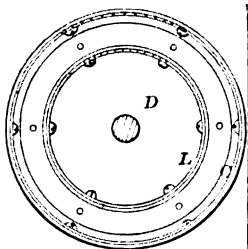
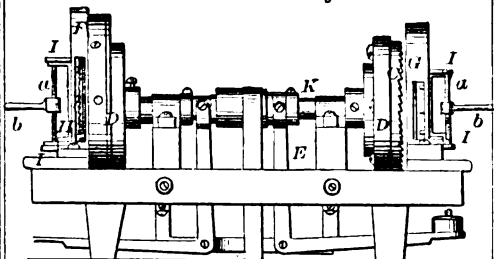
86280—I. D. Carter—Fence.



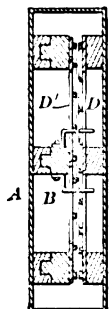
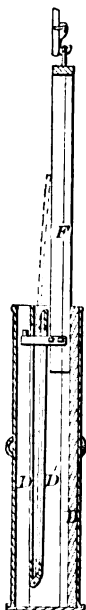
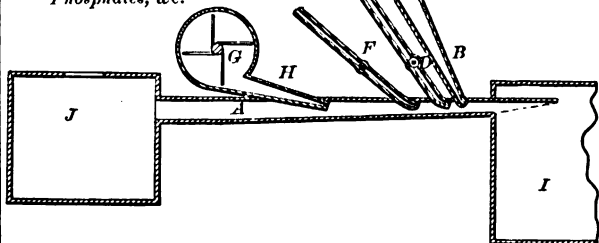
86281—C. H. Collins—Railway Rail.



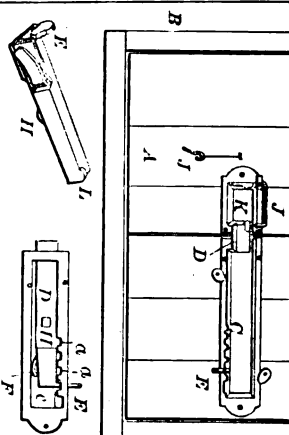
86279—W. Carr—Felloe Sawing Machine.



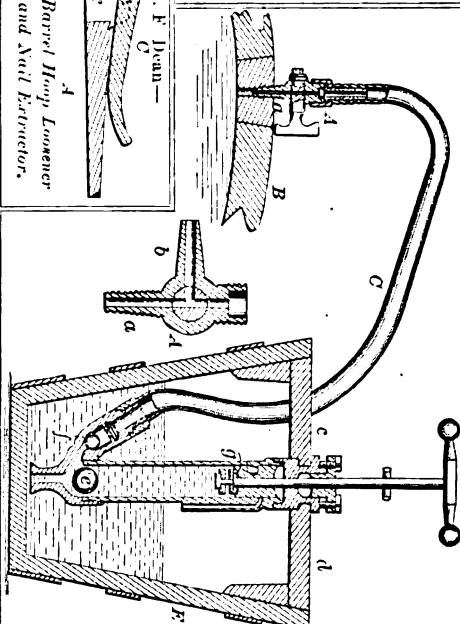
86283—C. F. Dean—

Barrel Hoop Loosener  
and Nail Extractor.86286—H. Diston—Hardening and Straightening Circular  
Saw Blades.86289—A. Duvall—For Mixing Liquids with Powder for  
Phosphates, &c.

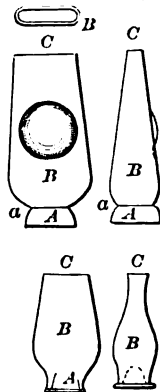
86282—J. W. Custer—Shutter Bolt.



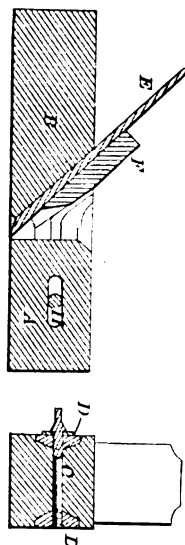
86287—A. M. Dix—Pumping Apparatus.



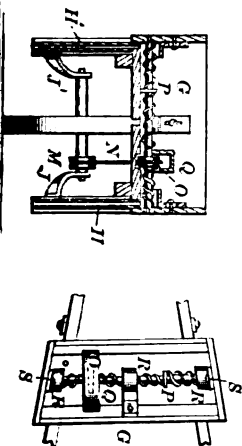
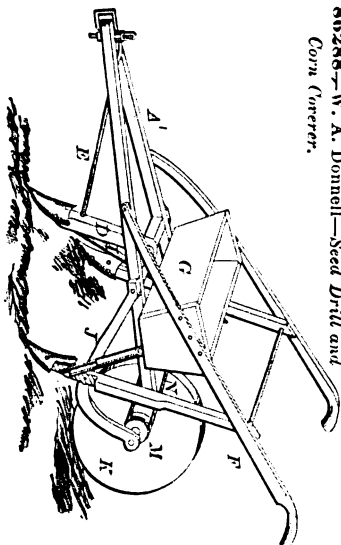
86291—R. N. Eagle—Lamp Chimney.



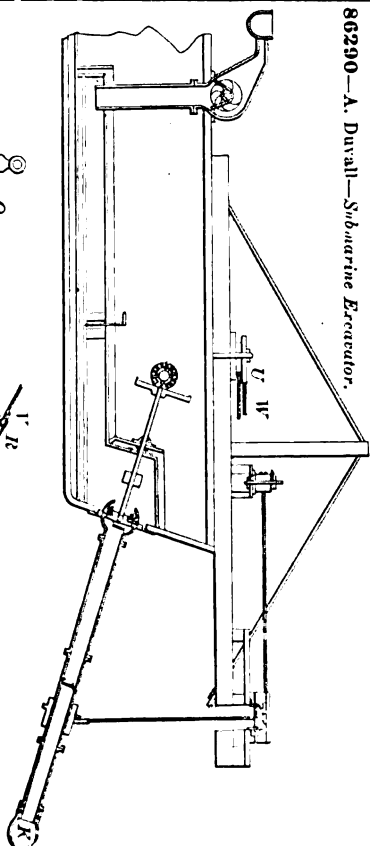
86295—P. S. Foster—Hough Plane.



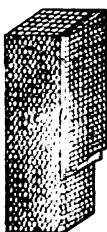
86288—W. A. Donnell—Seed Drill and Corn Planter.



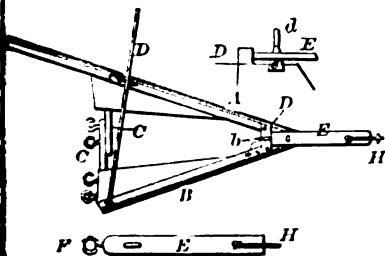
86290—A. Duvall—Submarine Excavator.



86296—D. C. Gately—Vulcanized Packing.

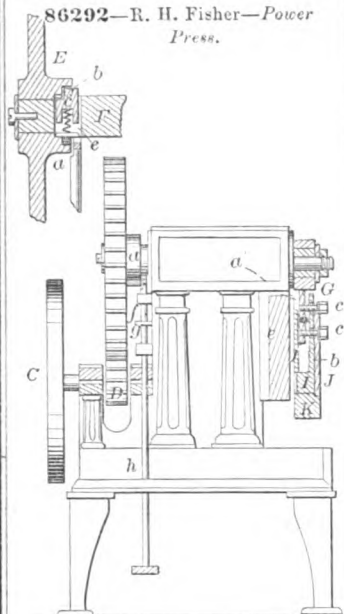


86294—E. L. Foreman—Ditching Plane.

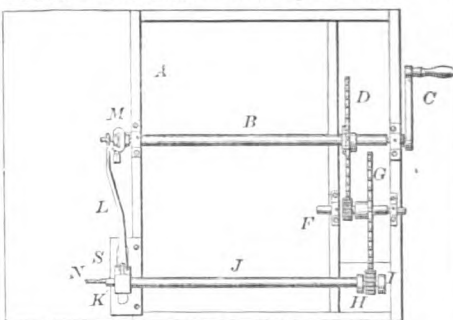




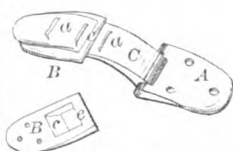
**86292**—R. H. Fisher—*Power Press.*



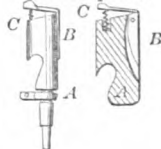
**86293**—H. K. Forbis—*Mortising Machine.*



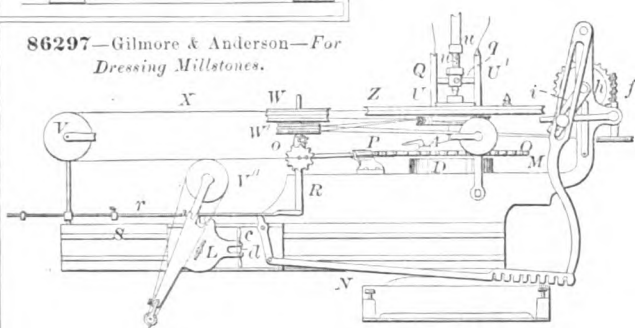
**86298**—E. B. Gould—*Horse Collar Fastening.*



**86300**—H. Gross—*Letter Opener.*



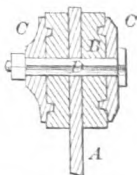
**86297**—Gilmore & Anderson—*For Dressing Millstones.*



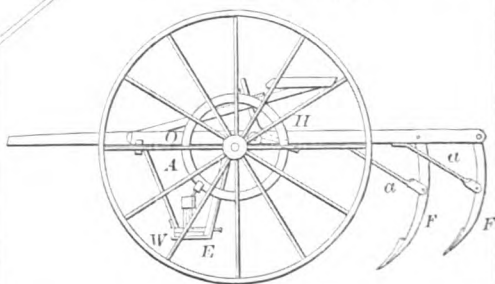
**86301**—E. K. Haynes—*Lamp Burner.*



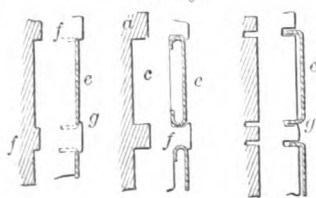
**86306**—W. M. Hurlbert—*Cultivator Teeth.*



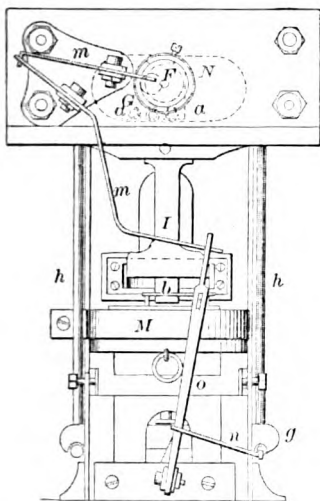
**86307**—Hyer & Hudson—*Seed Sower and Cultivator.*



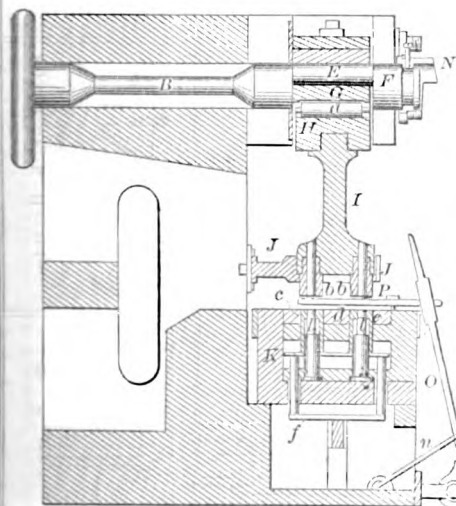
**86305**—I. V. Holmes—*Metallic Lathing.*



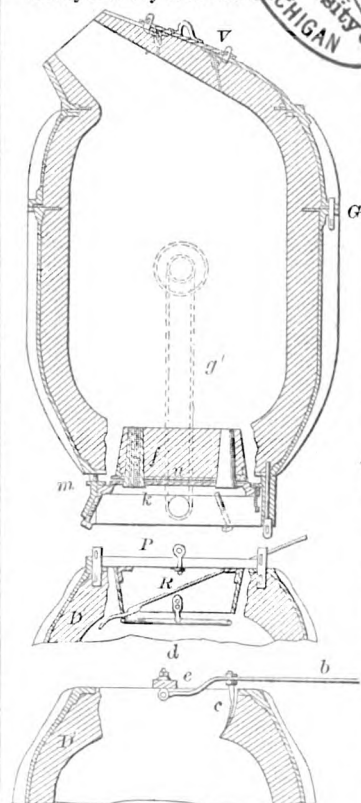
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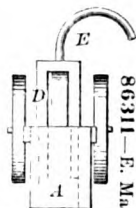
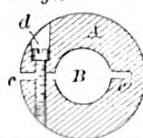
86302—E. Hobbs—Iron Nut Machine.



86304—Holley & Pearse—  
Manufacture of Iron and

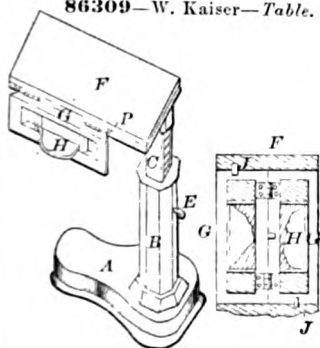


86308—  
R. E. Jones—  
Gauge.

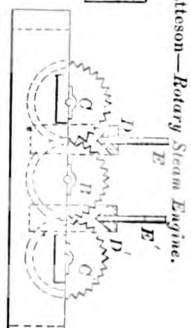
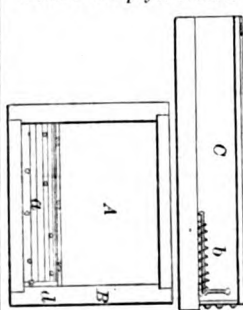


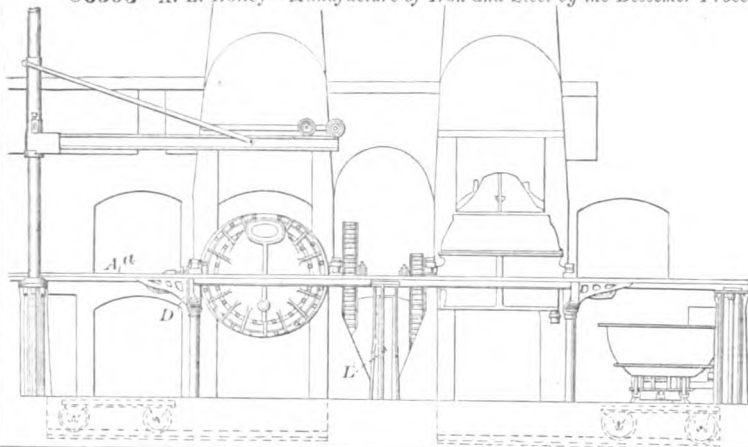
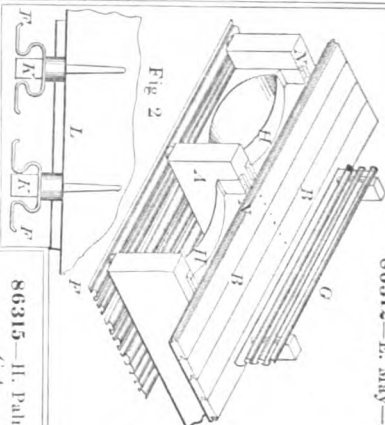
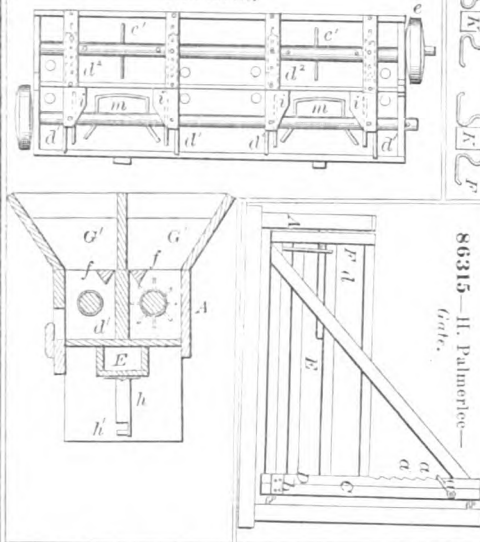
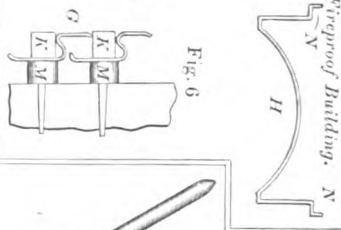
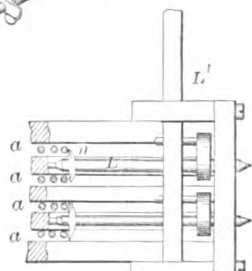
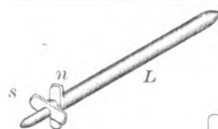
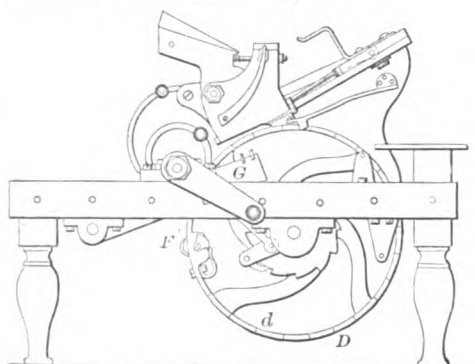
86311—E. Matteson—Rotary Steam Engine.

86309—W. Kaiser—Table.

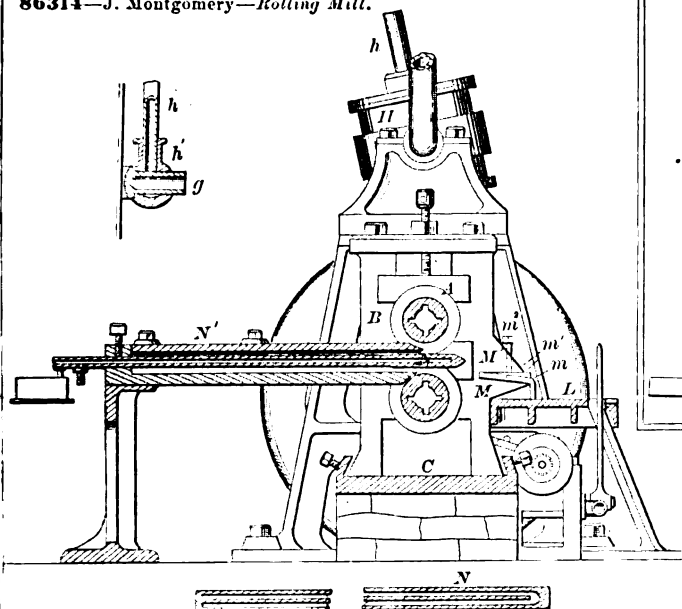


86310—J. I. Mabbett—  
Weather Strip for Doors.

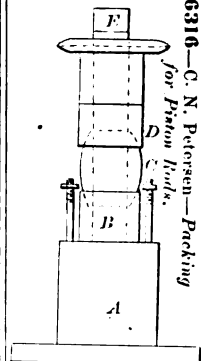


86303—A. L. Holley—*Manufacture of Iron and Steel by the Bessemer Process.*86313—T. B. McConaughy—*Fertilizer and Seed Drill.*86312—E. May—*Fireproof Building.*86317—T. Piper—*For Sticking Pins.*

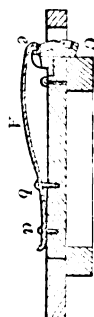
**86314**—J. Montgomery—*Rolling Mill.*



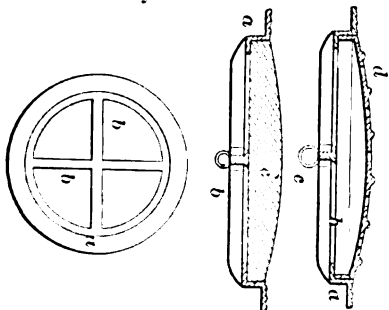
**86316**—C. N. Petersen—*Packing for Piston Rods.*



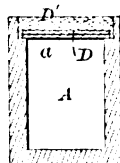
**86318**—L. Powers—*Door Spring.*



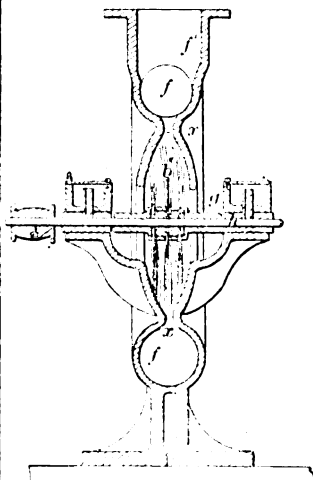
**86323**—J. Ryer—*Vault Cover.*



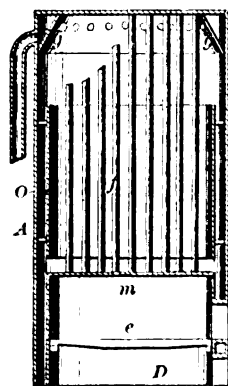
**86319**—J. Renkert—*Putting up Caustic Alkalies.*



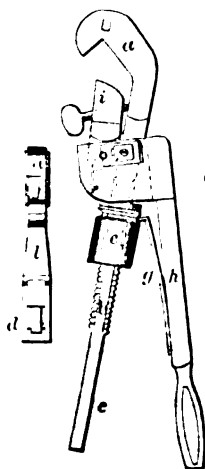
**86320**—Reichenbach & Golay—*Blowing Machine.*



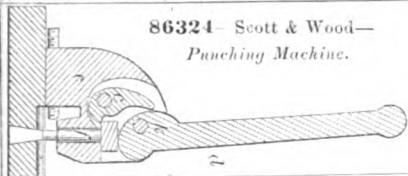
**86321**—G. H. Reynolds—*Steam Generator.*



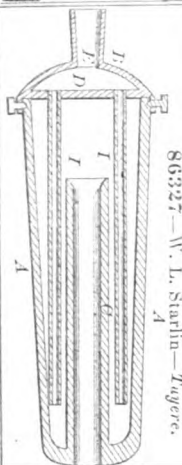
**86322**—P. C. Howe—*Wrench.*



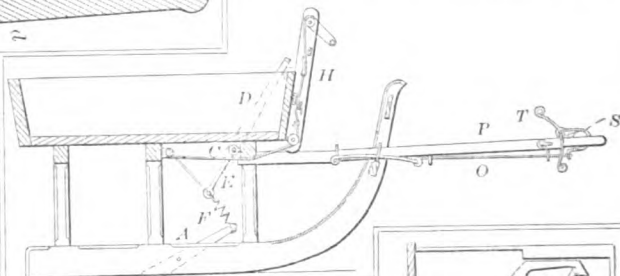
86324—Scott & Wood—  
Punching Machine.



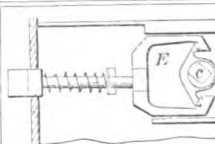
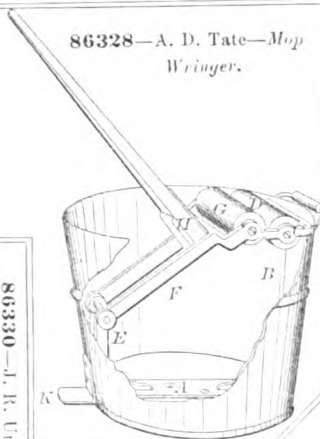
86325—H. W. & B. C. Smith—Sled Brake.



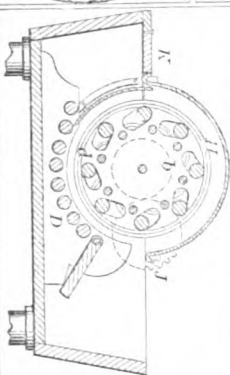
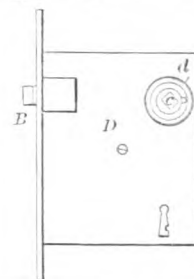
86327—W. L. Starlin—Tugger.



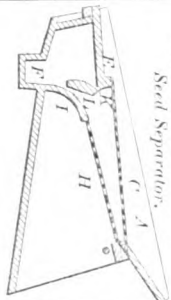
86328—A. D. Tate—Mop  
Wringer.



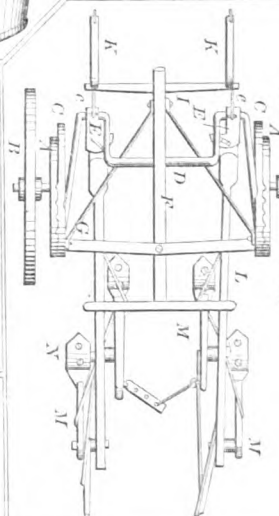
86326—W. E. & H. H. Sparks—Latch.



86330—J. R. Underwood—Washing Machine.

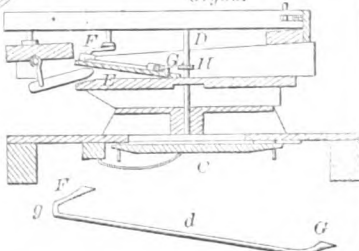


86332—W. J. Walker—  
Seed Separator.

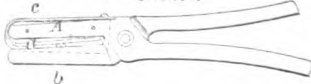


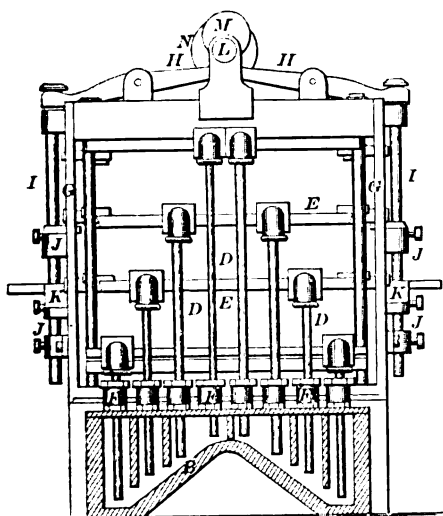
86329—Thomas & Bates—Cultivator.

86335—A. W. Wilcox—Reed  
Organ.

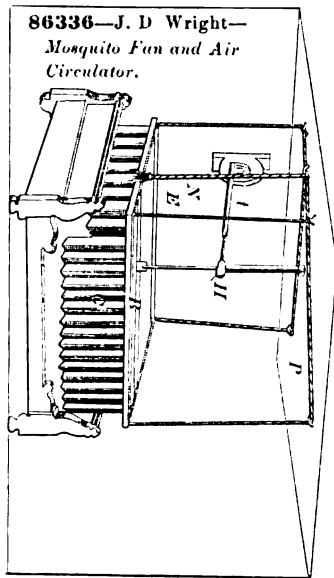


86333—J. T. Warren—Fruit  
Picker.

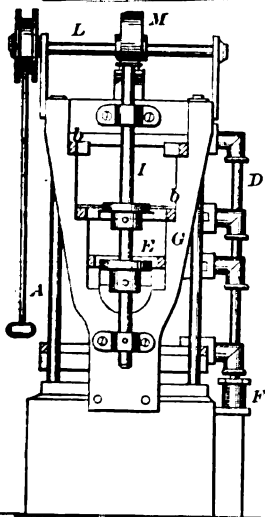




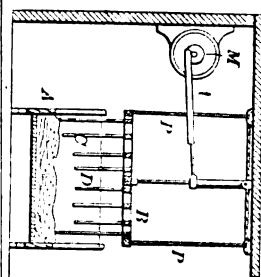
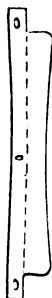
86334—Weston & Dennis—Cloth Press.



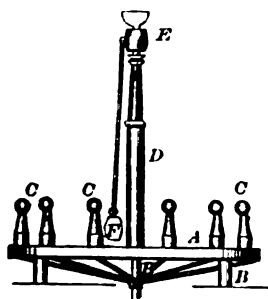
86336—J. D. Wright—  
Mosquito Fan and Air  
Circulator.



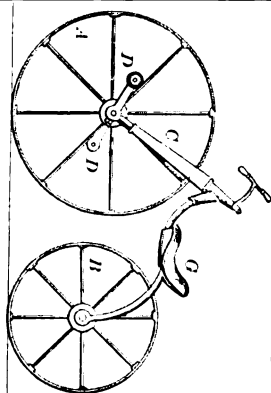
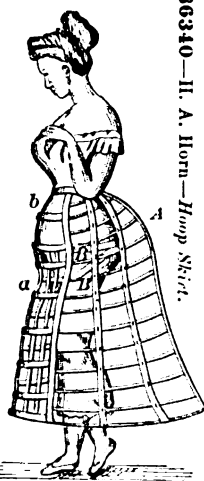
86338—C. W. Salader—Collar.



86337—D. Zink—Parlor  
Ten Pin Toy.

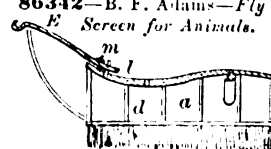


86340—H. A. Horn—Hoop Skirt.



86339—Greenwood & Hustel—Pump.

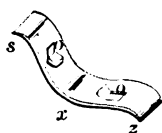
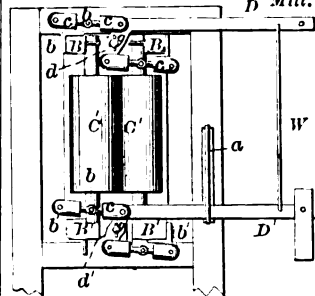
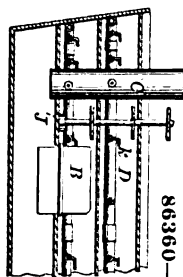
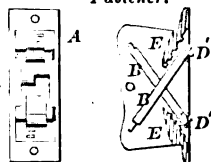
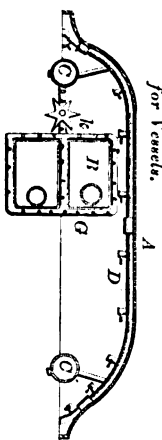
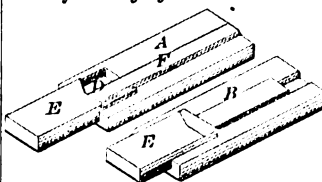
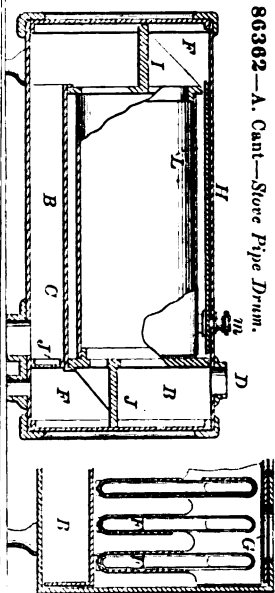
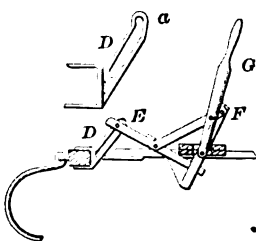
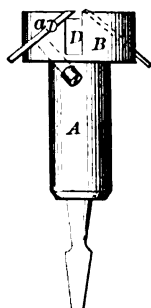
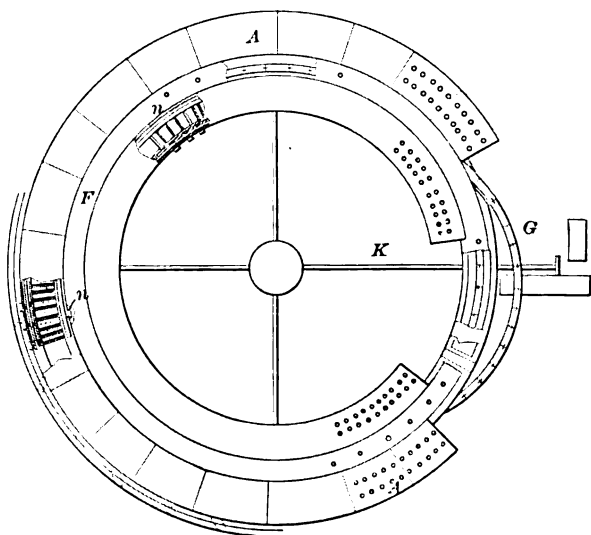
86342—B. F. Adams—Fly  
Screen for Animals.



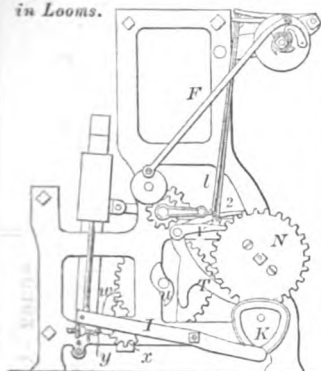




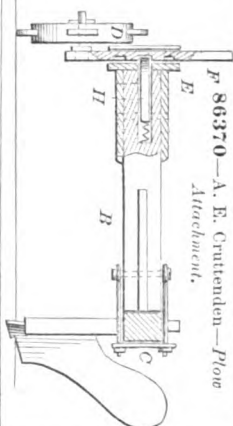
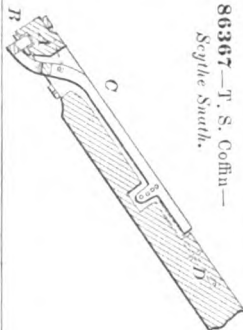


**86357**—H. J. Burr—*Stair Rod.***86358**—V. H. Buschmann—*Saw Mill.***86359**—C. H. Cain—*Sash Fastener.***86360**—V. E. Campbell—*Fire Extinguishing Apparatus.***86361**—Candee & Taylor—*Die for Forging Wrench Heads.***86366**—L. Clinton—*Horse Rake.***86362**—A. Cant—*Store Pipe Drum.***86363**—P. Clark—*Brick Kiln.***86364**—W. A. Clark—*Hollow Auger.*

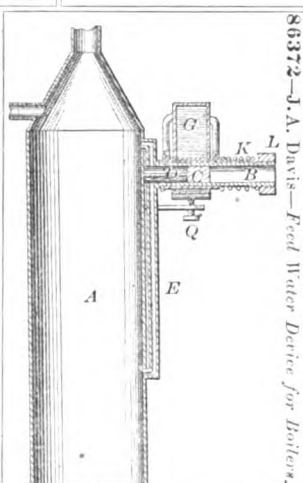
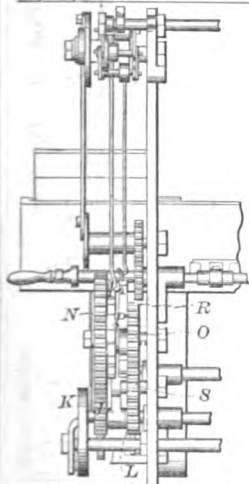
86365—T. Cleary—Shuttle Box in Looms.



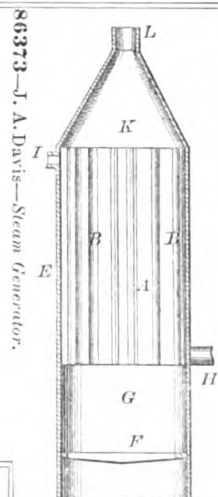
86367—T. S. Collin—Seythe South.



86370—A. E. Crittenden—Plane Attachment.

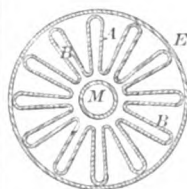
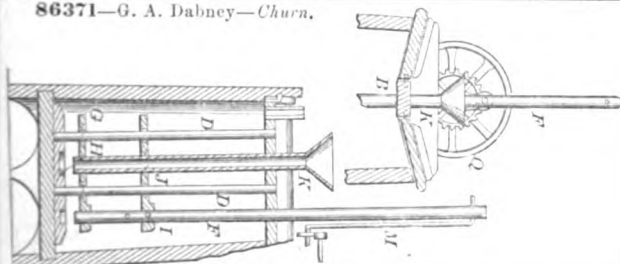


86372—J. A. Davis—Feed Water Device for Boilers.

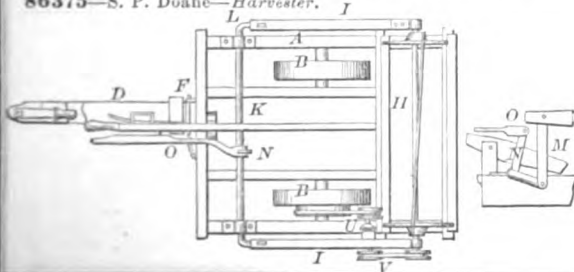


86373—J. A. Davis—Steam Generator.

86371—G. A. Dabney—Churn.

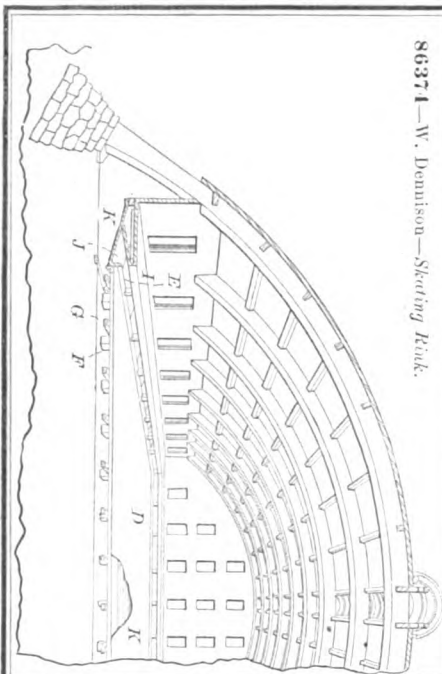
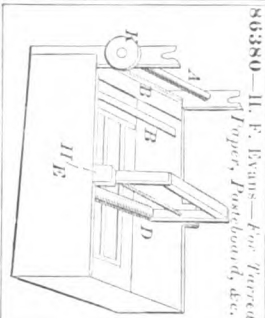
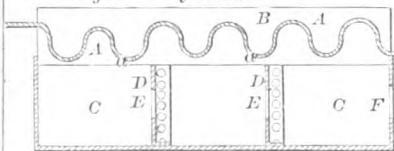
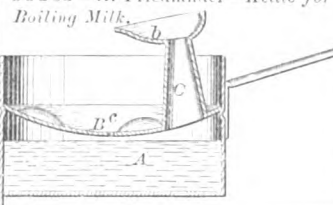
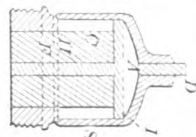
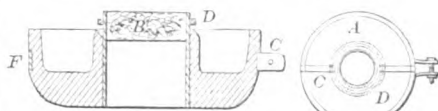
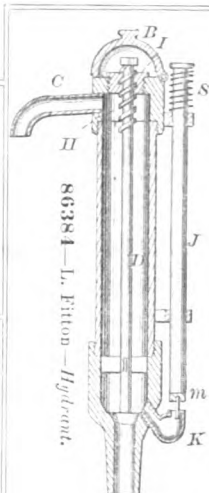
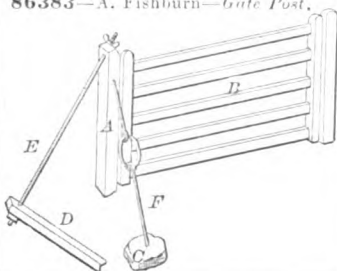


86375—S. P. Doane—Harvester.

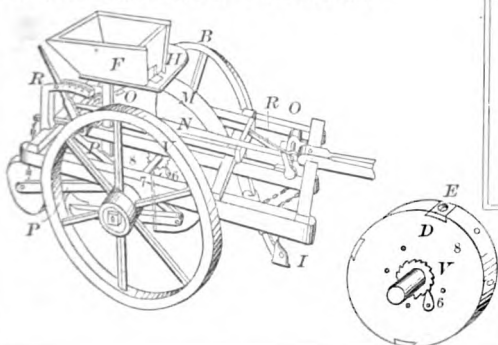


86377—F. Egge—Padlock.

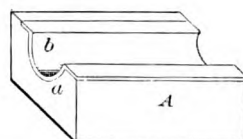


86371—W. Dennison—*Skating Rink.*86379—G. R. Evans—*For Saving Gold, Amalgam and Quicksilver.*86380—H. F. Evans—*For Saving Gold, Amalgam, and Quicksilver.*86385—H. Friedländer—*Kettle for Boiling Milk.*86381—W. Evered—*Steam Engine Balanced Valve.*86382—F. L. Faries—*Tree Protector.*86376—C. Drew—*Harness Pad.*86378—Elson & Schaefer—*Fire Arm.*86384—L. Fittou—*Hydraulic.*86383—A. Fishburn—*Gate Post.*

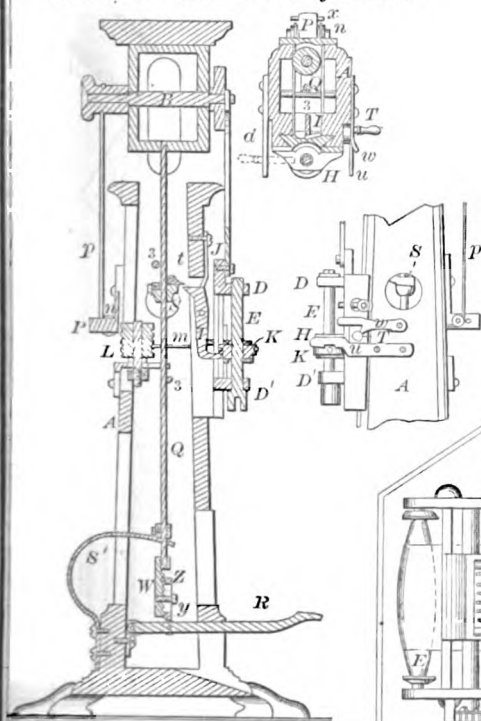
86386—W. C. Gardner—*Corn Planter.*



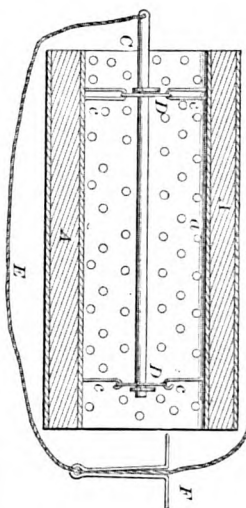
86387—D. C. Gately—*Anti-Rattler for Carriages.*



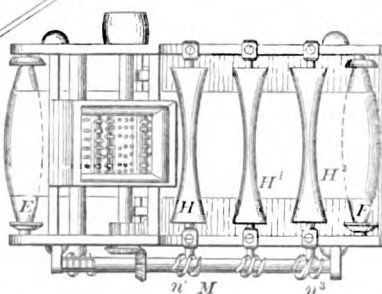
86389—D. L. Gibbs—*Mortising Machine.*



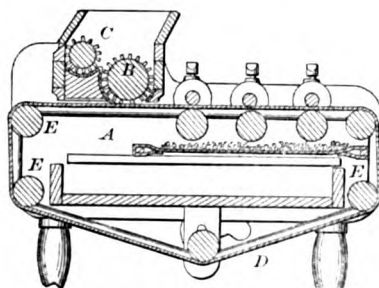
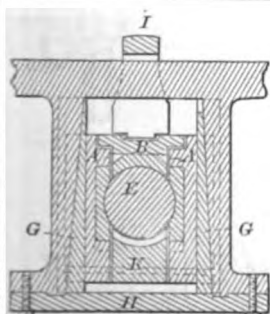
86388—D. Gray, Jr.—*For Sizing Floating Gold.*

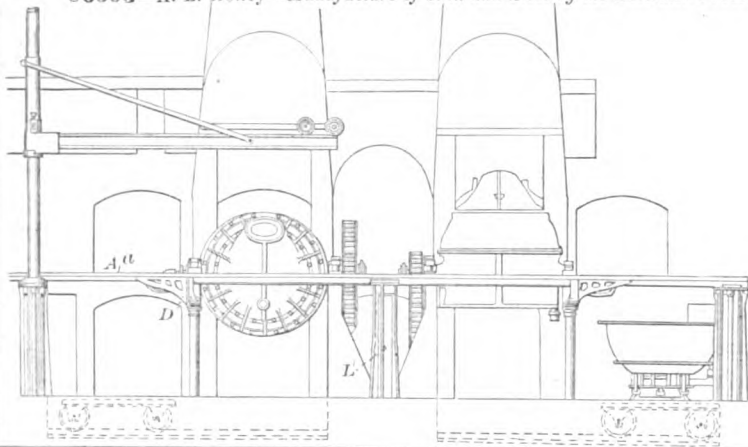
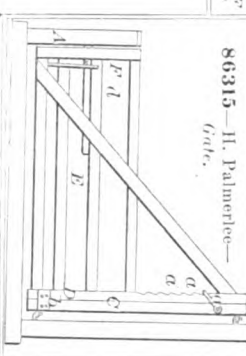
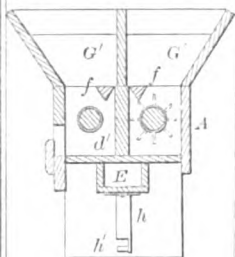
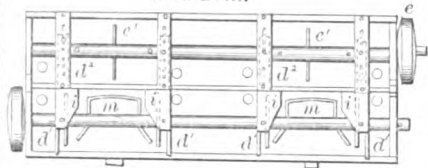
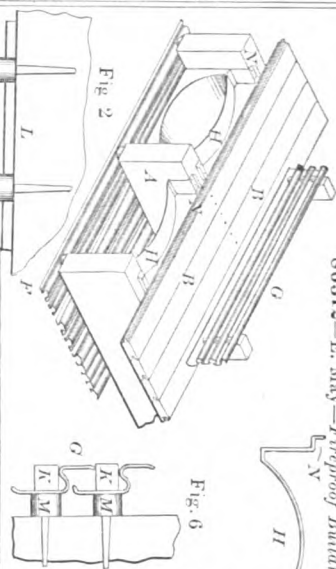
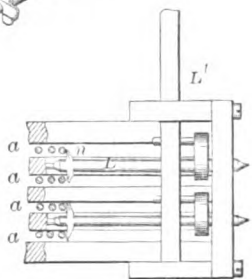
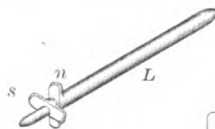
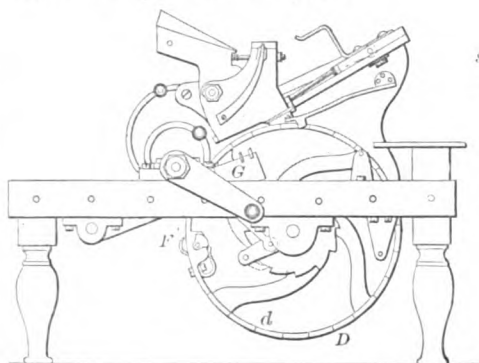


86391—E. Greenlee—*Fruit Mill.*

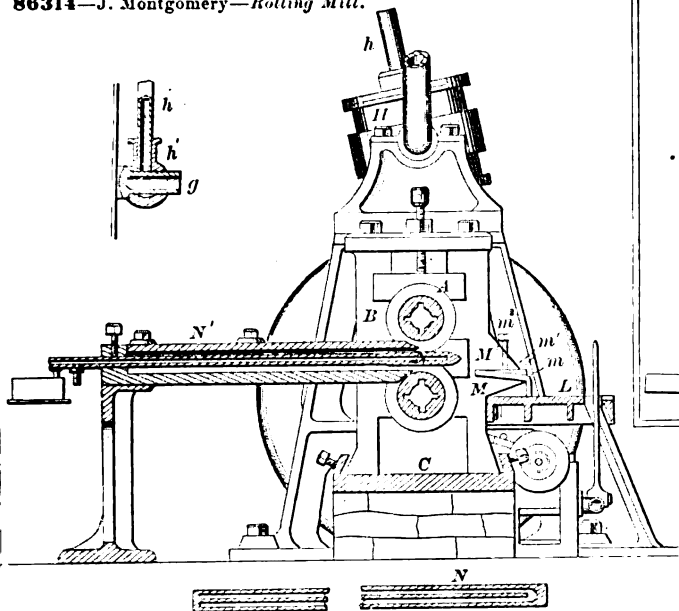


86390—J. W. Goff—*Box for Locomotive Driving Axles.*

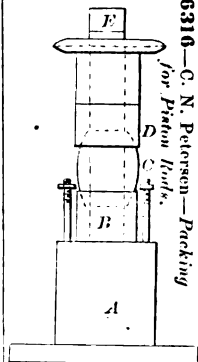


86303—A. L. Holley—*Manufacture of Iron and Steel by the Bessemer Process.*86313—T. B. McConaughy—*Fertilizer and Seed Drill.*86315—H. Palmerlee—*Gate.*86312—E. May—*Fireproof Building.*86317—T. Piper—*For Sticking Pins.*

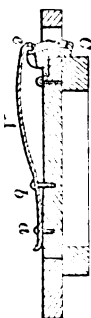
**86314**—J. Montgomery—*Rolling Mill.*



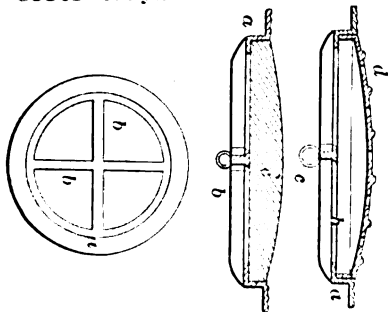
**86316**—C. N. Peterson—*Packing for Piston Rods.*



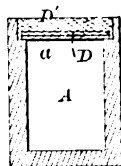
**86318**—L. POWERS—*Door Spring.*



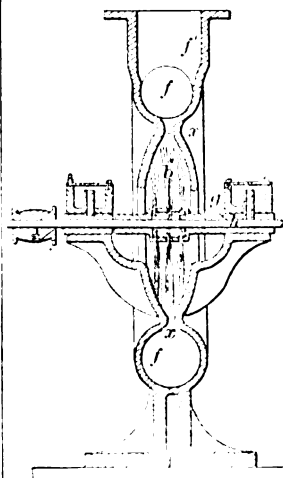
**86323**—J. Ryer—*Vault Cover.*



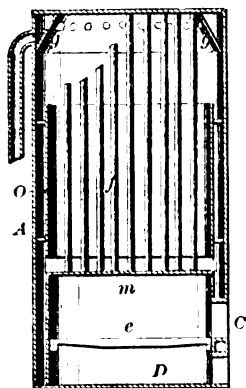
**86319**—J. Reakirt—*Putting up Caustic Alkalies.*



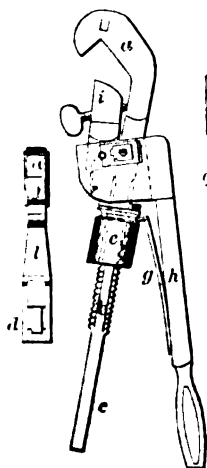
**86320**—Reichenbach & Golay—*Blowing Machine.*



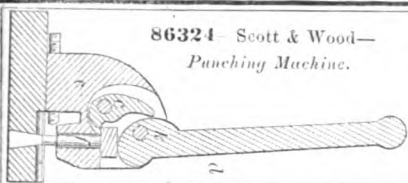
**86321**—G. H. Reynolds—*Steam Generator.*



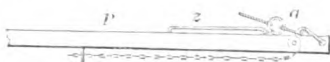
**86322**—P. C. Howe—*Wrench.*



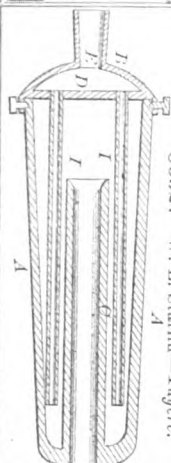
86324—Scott & Wood—  
Punching Machine.



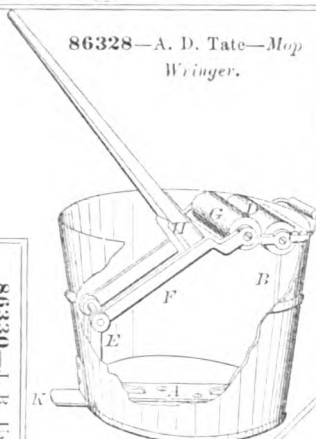
86325—H. W. & B. C. Smith—Sled Brake.



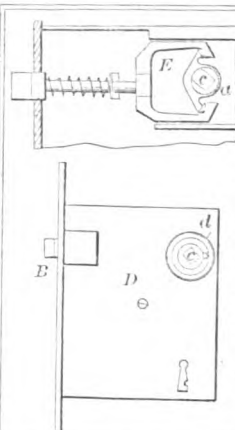
86327—W. L. Starlin—Tugger.



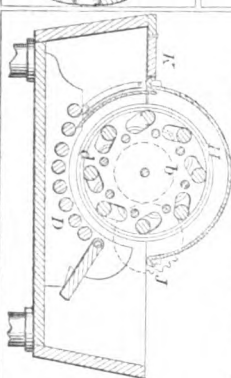
86328—A. D. Tate—Mop  
Winger.



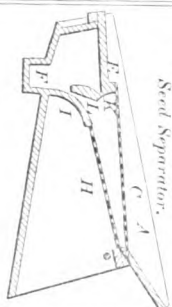
86326—W. E. & H. H. Sparks—Latch.



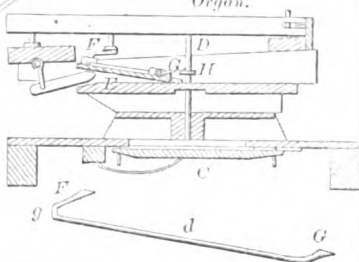
86330—J. R. Underwood—Washing Machine.



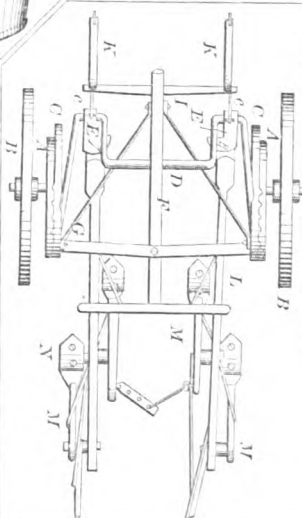
86332—W. J. Walker—  
Seed Separator.



86335—A. W. Wilcox—Reed  
Organ.

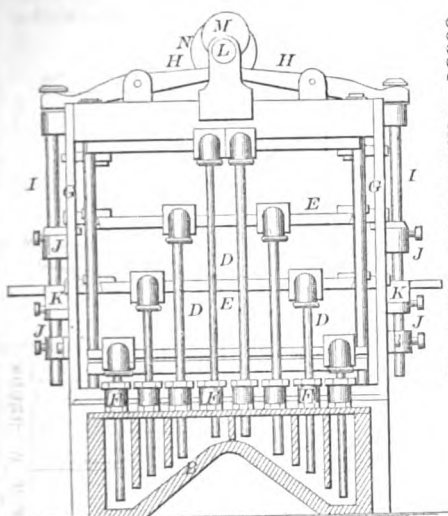


86329—Tobias & Bates—Cultivator.

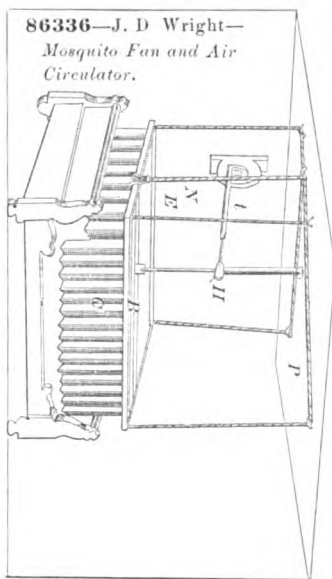


86333—J. T. Warren—Fruit  
Picker.

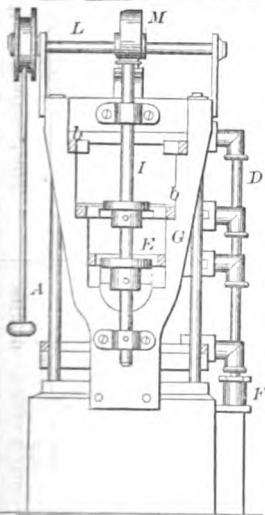




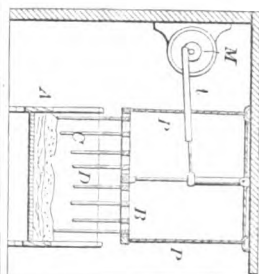
86331—Weston & Dennis—Cloth Press.



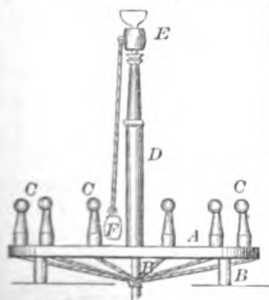
86336—J. D Wright—  
Mosquito Fan and Air  
Circulator.



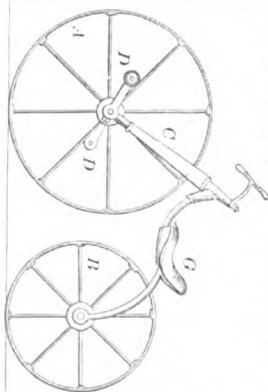
86338—C. W. Saladee—Collar.



86337—D. Zink—Parlor  
Ten Pin Toy.

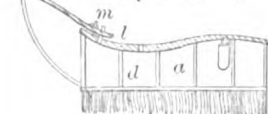


86340—H. A. Horn—Hoop Skirt.

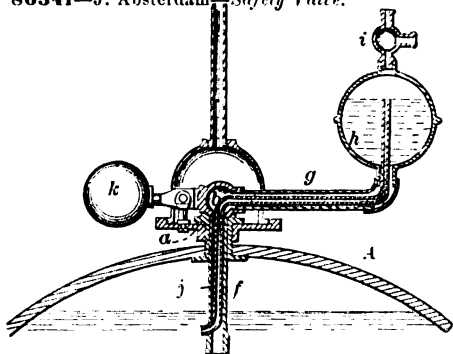
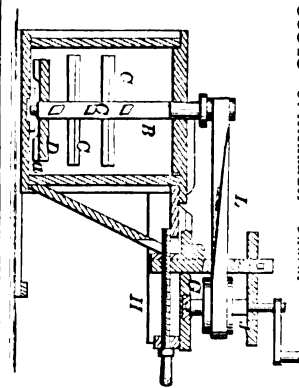
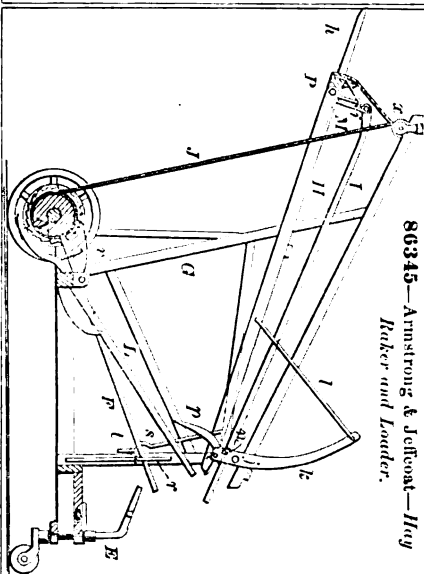
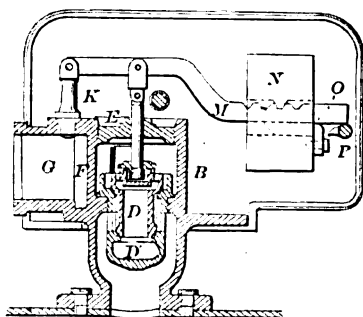
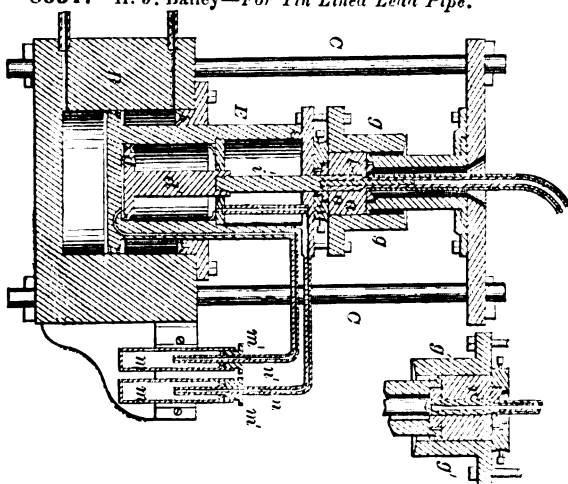
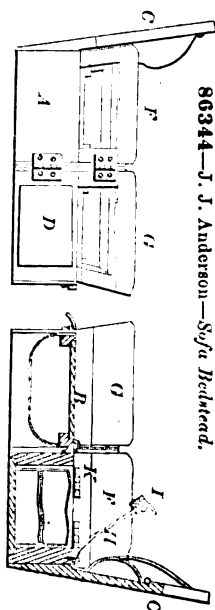


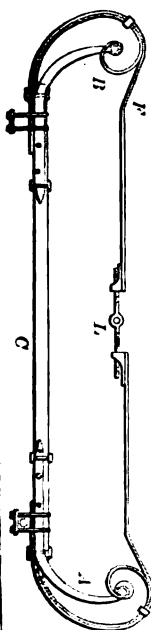
86339—Greenwood & Hurst—Velocipede.

86342—B. F. Adams—Fly  
Screen for Animals.



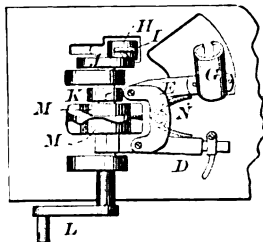
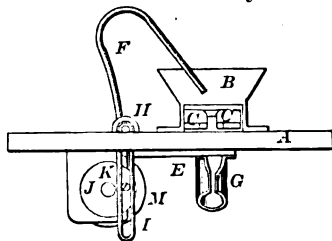


86341—J. Absterdam—*Safety Valve.*86343—J. Alexander—*Churn.*86346—J. Ashcroft—*Steam Safety Valve.*86345—Armstrong & Jeffcoat—*Hug Raker and Loader.*86347—H. J. Bailey—*For Tin Lined Lead Pipe.*86344—J. J. Anderson—*Sofa Bedstead.*

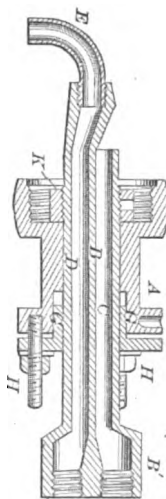


86348—J. Balbach—Carriage Spring.

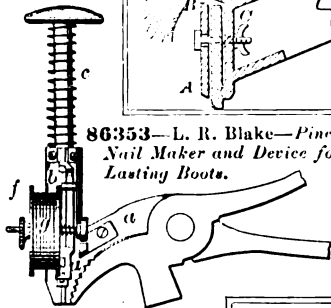
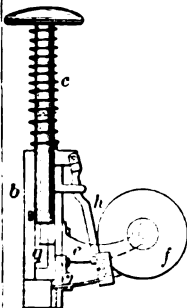
86349—W. C. Barr—Cherry Pitter.



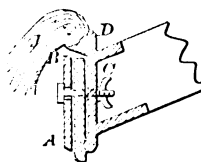
86351—E. S. Bennett—Mop and Scrubber.



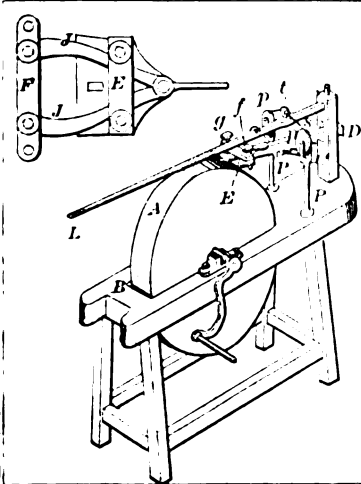
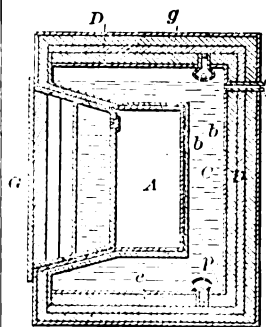
86350—G. S. Barton—Steam Dryer.



86353—L. R. Blake—Pincers, Nail Maker and Device for Lasting Boots.

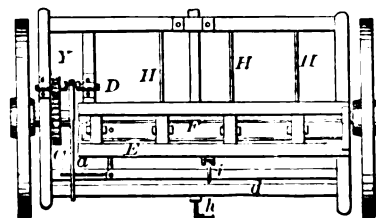
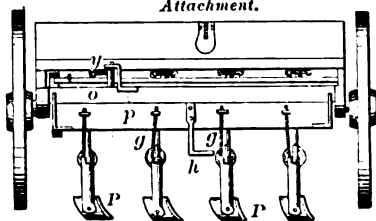


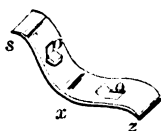
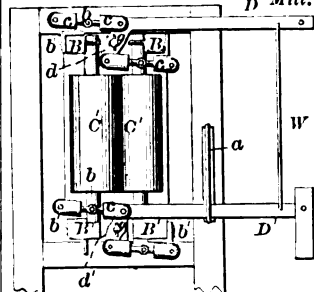
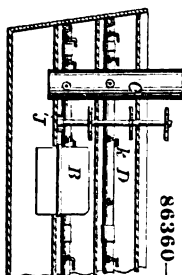
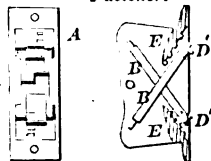
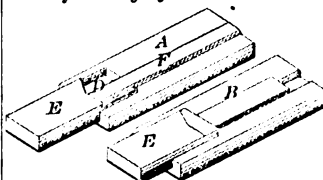
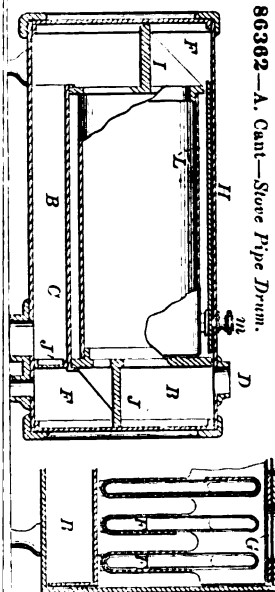
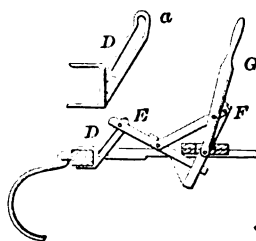
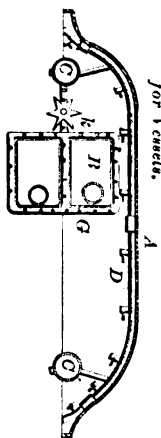
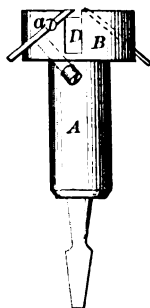
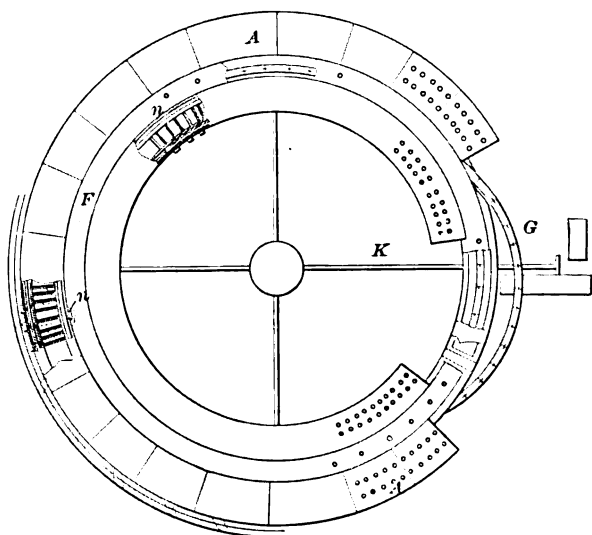
86356—H. H. Bryant—Fireproof Safe.



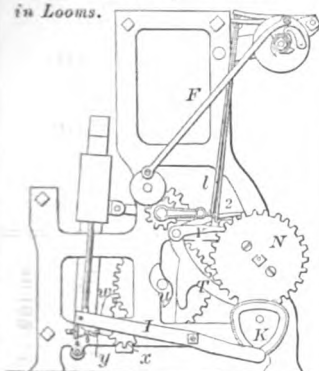
86352—S. Bennett—For Grinding Tools.

86354—F. Bowman—Grain Drill Attachment.

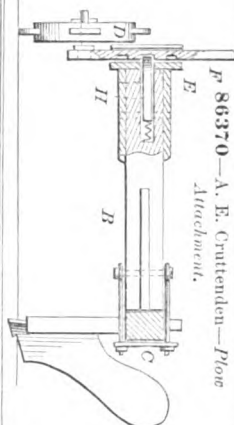


**86357**—H. J. Burr—*Stair Rod.***86358**—V. H. Buschmann—*Saw Mill.***86359**—C. H. Cain—*Sash Fastener.***86361**—Candee & Taylor—*Die for Forging Wrench Heads.***86366**—L. Clinton—*Horse Rake.***86362**—A. Cant—*Store Pipe Drum.***86360**—V. E. Campbell—*Fire Fighting Apparatus.***86364**—W. A. Clark—*Hollow Auger.***86363**—P. Clark—*Brick Kiln.*

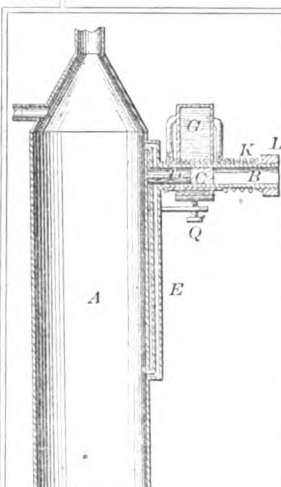
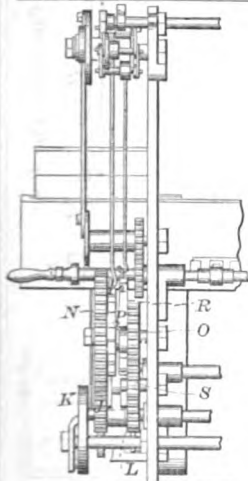
86365—T. Cleary—Shuttle Box in Looms.



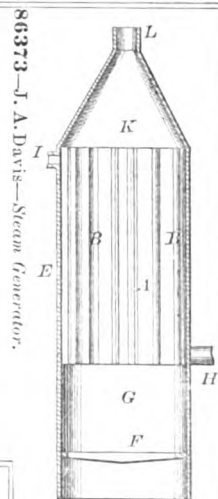
86367—T. S. Coffin—Sewing Machine.



86370—A. E. Crutenden—Crane Attachment.

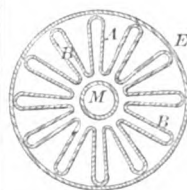
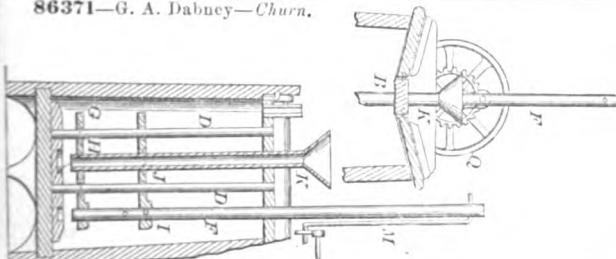


86372—J. A. Davis—Feed Water Device for Boilers.

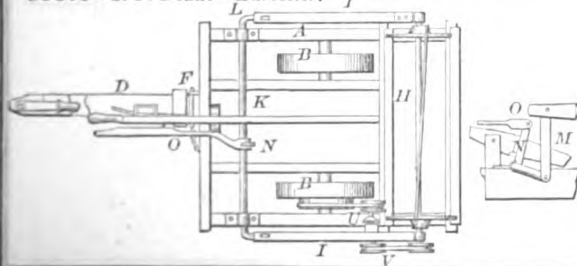


86373—J. A. Davis—Steam Generator.

86371—G. A. Dabney—Churn.

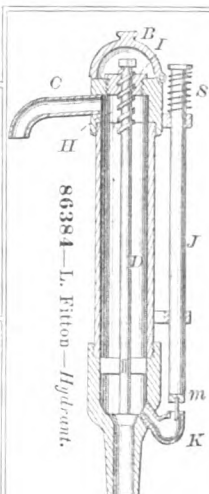
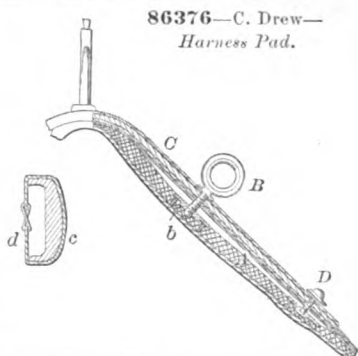
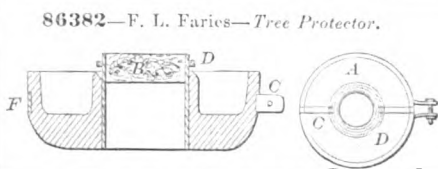
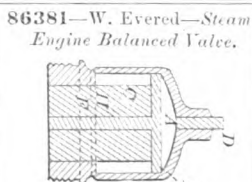
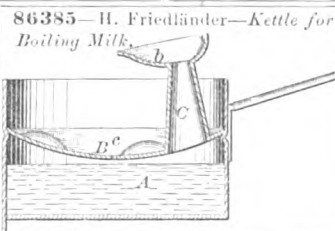
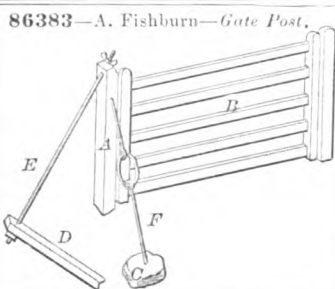
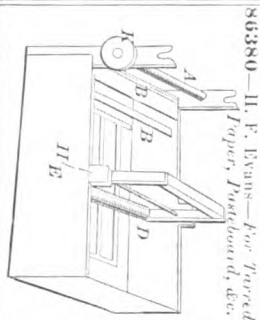
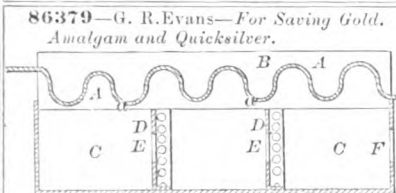
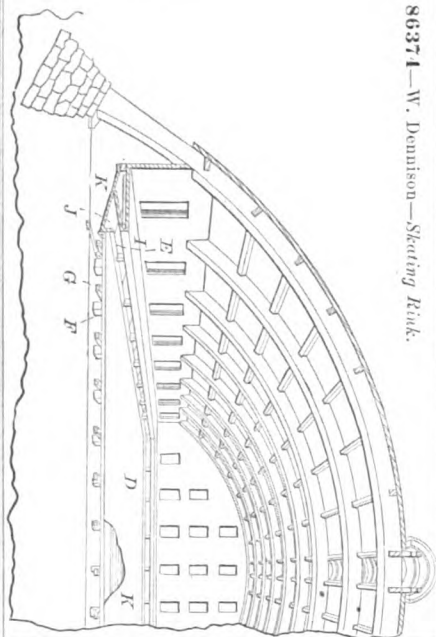


86375—S. P. Doane—Harvester.

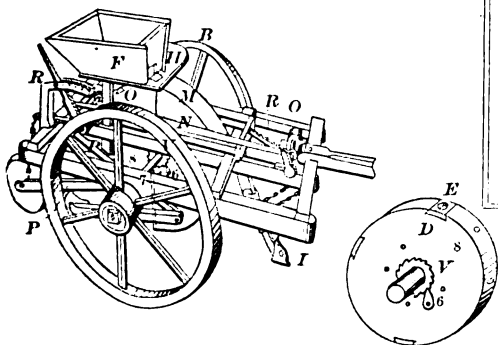


86377—F. Egge—Padlock.

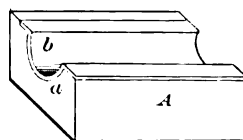




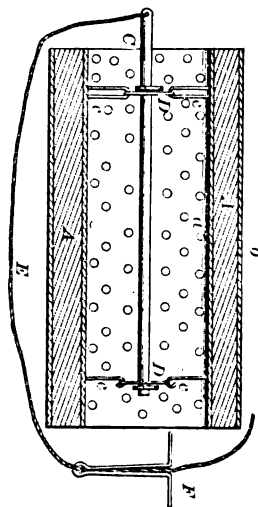
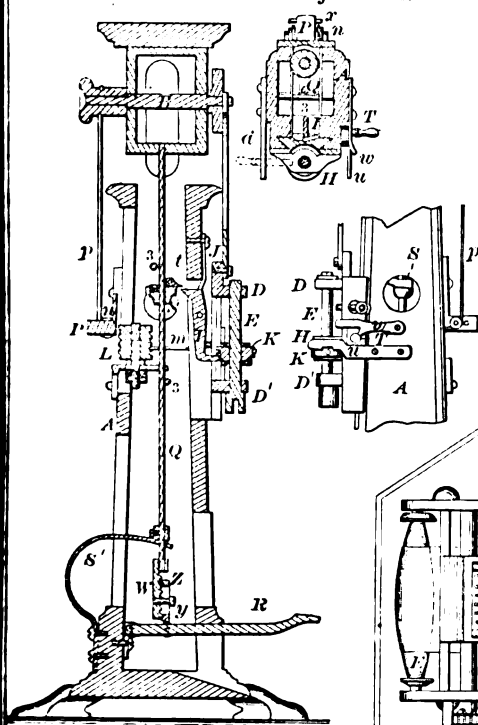
86386—W. C. Gardner—*Corn Planter.*



86387—D. C. Gately—*Anti-Rattler for Carriages.*

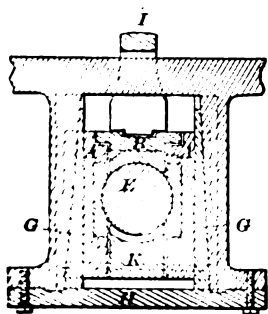
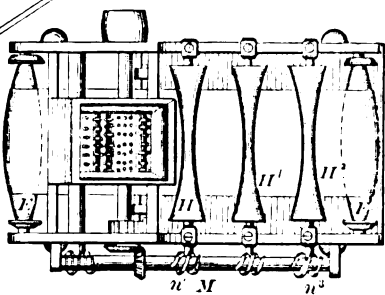


86389—D. L. Gibbs—*Mortising Machine.*

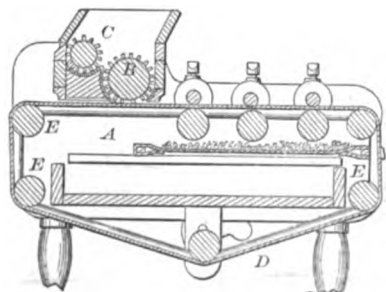


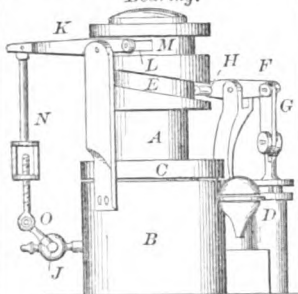
86388—D. tiny, Jr.—*For Securing Floating Gold.*

86391—E. Greenlee—*Fruit Mill.*

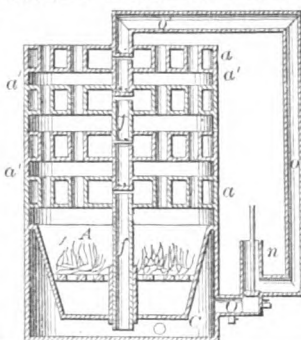
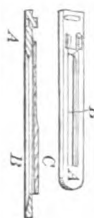
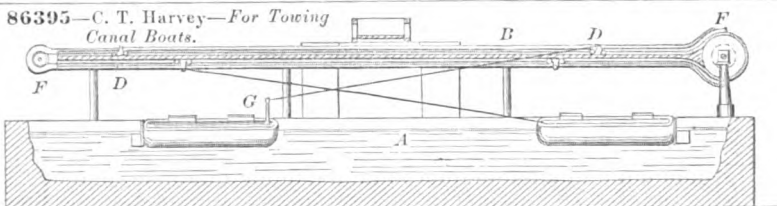


86390—J. W. Goff—*Bar for Locomotive Driving Axles.*

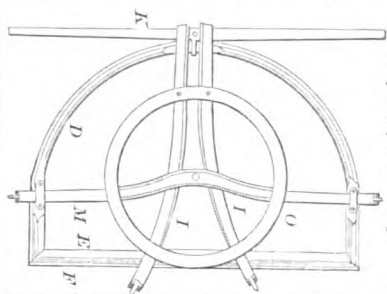
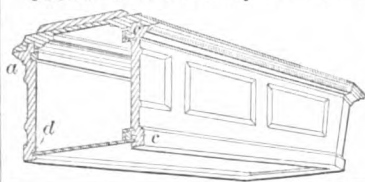
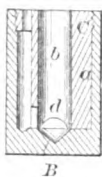
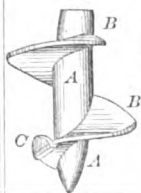
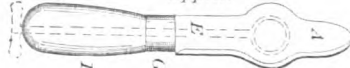
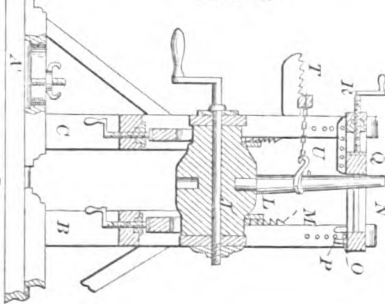


86392—J. Haas—Shaft  
Bearing.

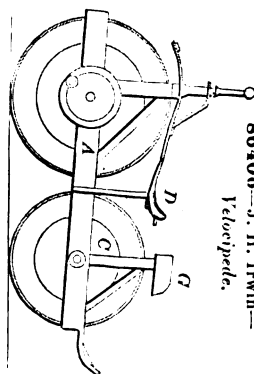
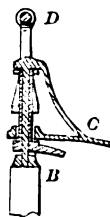
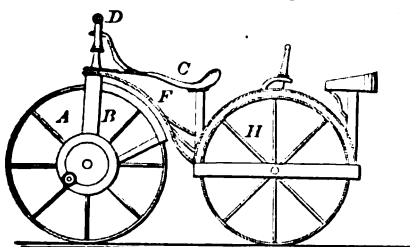
86393—C. H. Hall—Steam Generator.

86394—A. H. Hammond—Reel for  
Musical Instruments.86395—C. T. Harvey—For Towing  
Canal Boats.

86396—J. R. Hathaway—Burial Case.

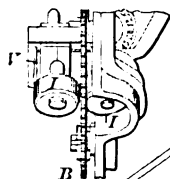
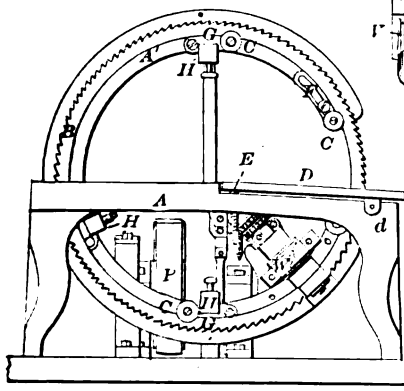
86397—J. Heiden—Front  
Platform for Carriages.86399—W. P. Hopkins—  
Steps for Spindles.86400—S. C. Horton—  
Port Hole Anchor.86401—C. D. House—For Cutting and Coring  
Apples.86402—A. Humphries—Spoking  
Machine.86403—C. J. Huntington—Bog  
Furniture.

86405—J. H. Irwin—*Velocipede.*

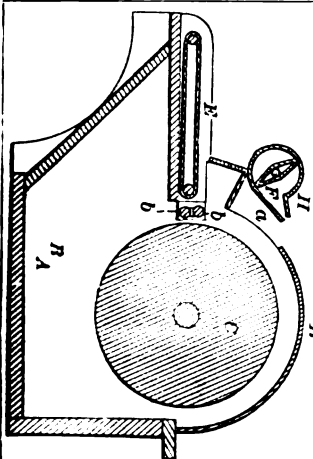
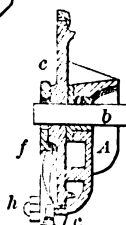
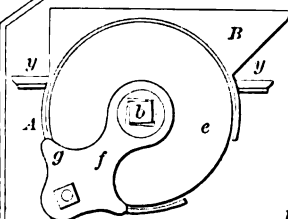


86406—J. H. Irwin—*Velocipede.*

86407—N. Jenkins—*Saw.*

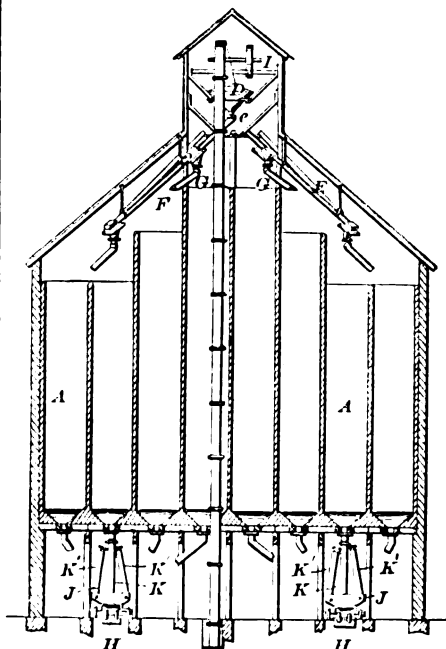


86408—W. F. Jessup—*For Seeding.*



86409—A. W. Johnson—*For Working Waste Fibrous Stock.*

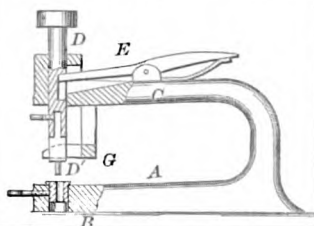
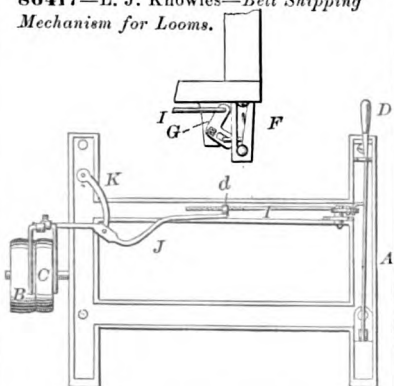
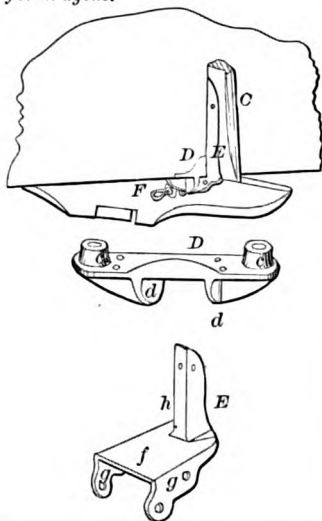
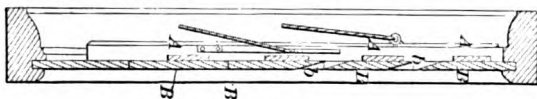
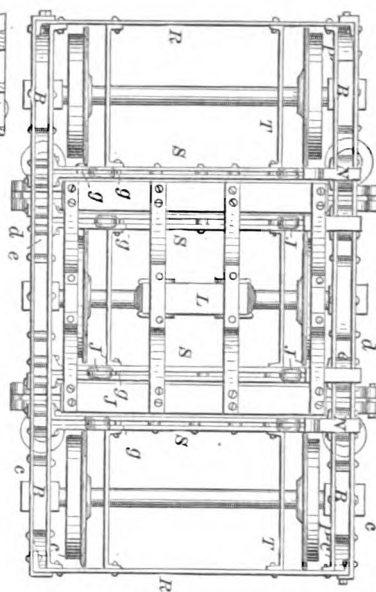
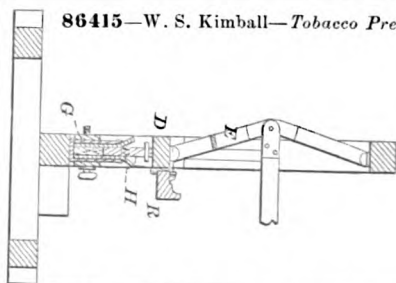
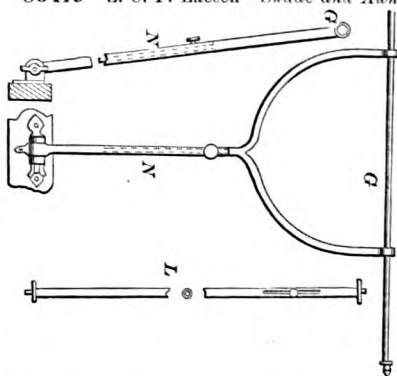
86410—G. H. Johnson—*Grain Distributor.*

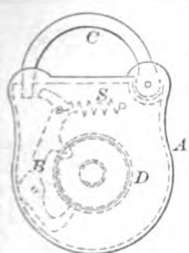


86411—F. A. Jones—*Watch Regulator.*

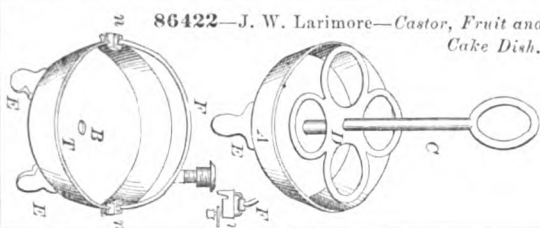




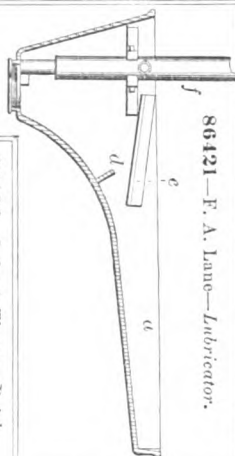
**86412**—J. P. Jubb—*Belt Punch.***86417**—L. J. Knowles—*Belt Shipping Mechanism for Looms.***86418**—H. C. Kochensperger—*Bed Plate, Bolster Plate and Lock Bracket for Wagons.***86413**—H. Kelley—*Ventilator.***86416**—Kirkley & Gray—*Railway Car Truck.***86415**—W. S. Kimball—*Tobacco Press.***86419**—L. C. F. Laesch—*Shade and Awning.*



86420—L. W. Lamb—Padlock.



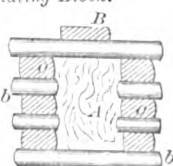
86422—J. W. Larimore—Castor, Fruit and Cake Dish.



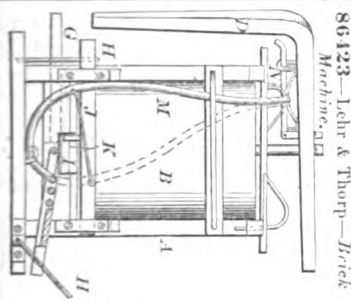
86421—F. A. Lane—Lubricator.



86424—G. A. Libbey—Key Ring.

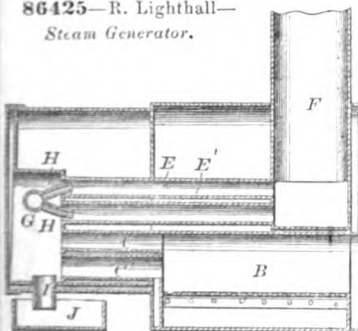


86427—W. Loft—Kindling Block.

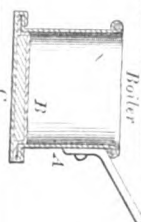
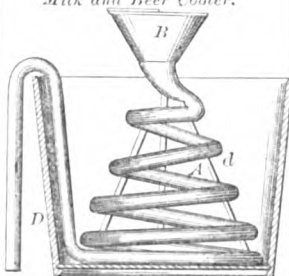


86423—Labr & Thorp—Brick Machine.

86425—R. Lighthall—Steam Generator.

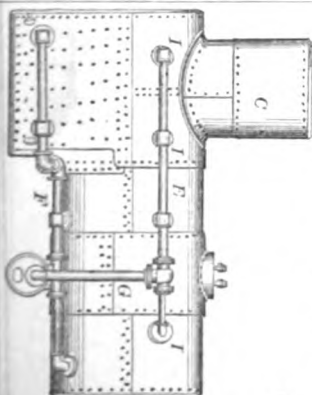
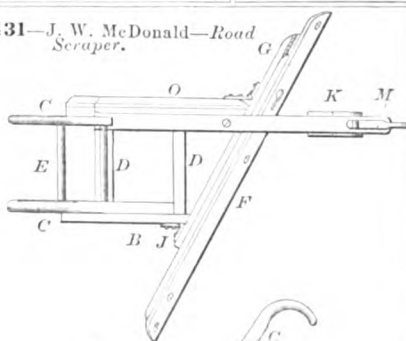


86430—O. L. Mayhew—Milk and Beer Cooler.

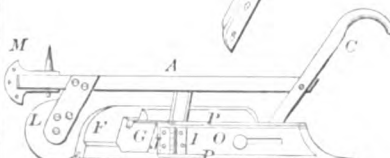


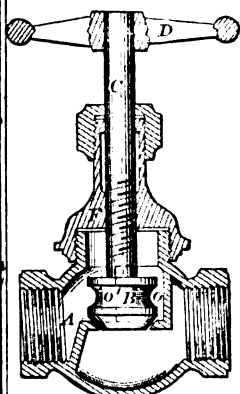
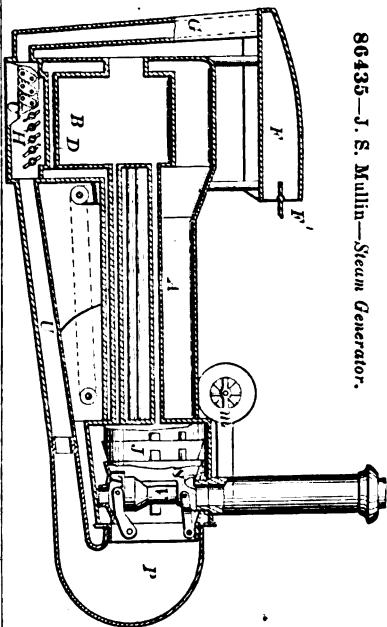
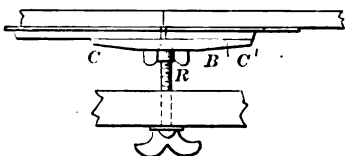
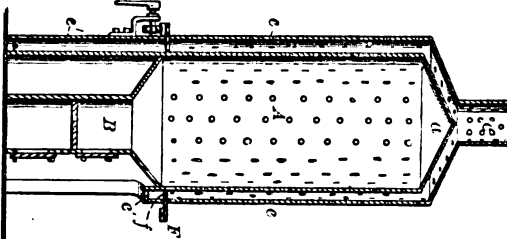
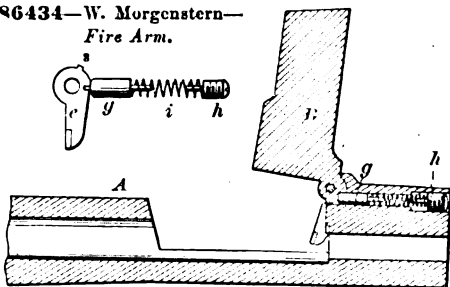
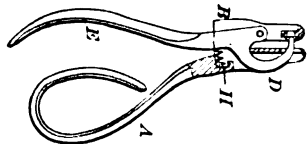
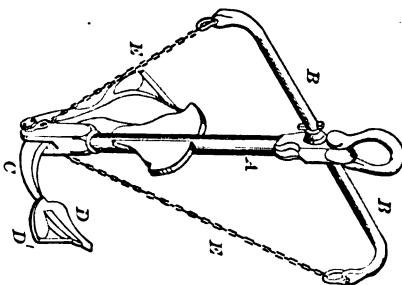
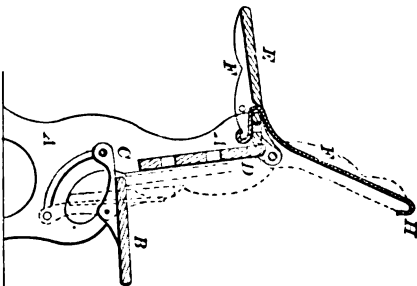
86428—S. P. Loomis—Roller.

86431—J. W. McDonald—Road Scraper.

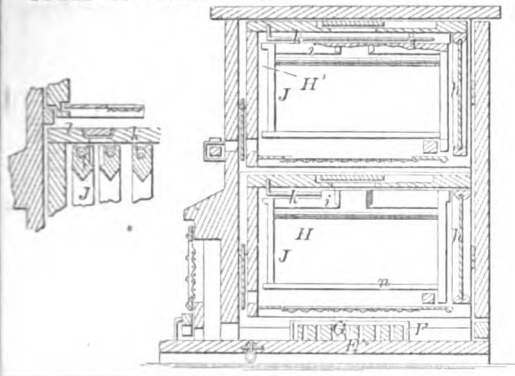


86429—C. Mason—Steam Generator.

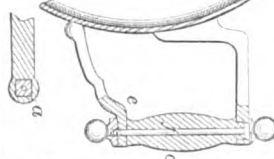


**86432—R. Mears—Globe Valve.****86433—D. M. Melford***For Preserving Fruit.***86437—G. W. Ouram—Shutter Fastening.****86435—J. S. Mullin—Steam Generator.****86436—J. J. Munger—Grain Dryer.****86434—W. Morgenstern—Fire Arm.****86438—Palmer & Leslie—Ticket Punch.****86439—G. C. Pattison—Anchor.****86440—J. Peard—School Desk.**

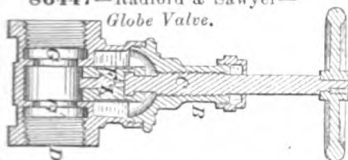
86441—J. Pearson—Beehive.



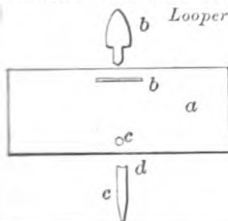
86444—E. W. Porter—Tea Pot Handle.



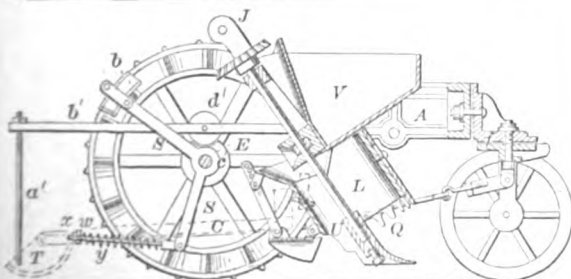
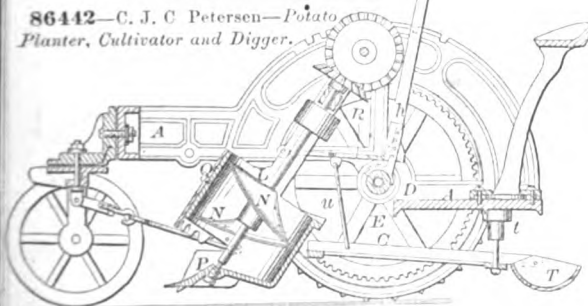
86447—Radford & Sawyer—Globe Valve.



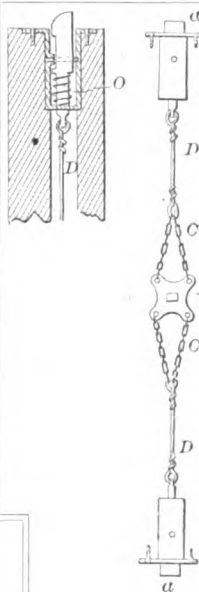
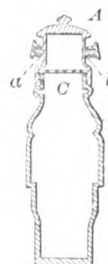
86445—G. L. Price—Carpet Rag Loop.



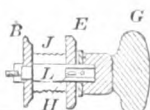
86442—C. J. C Petersen—Potato Planter, Cultivator and Digger.



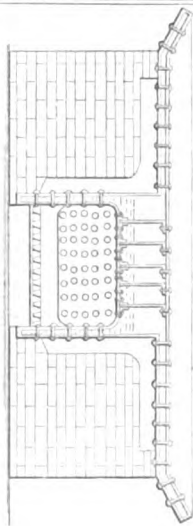
86446—Quinn & Putnam—Bottle Stopper.



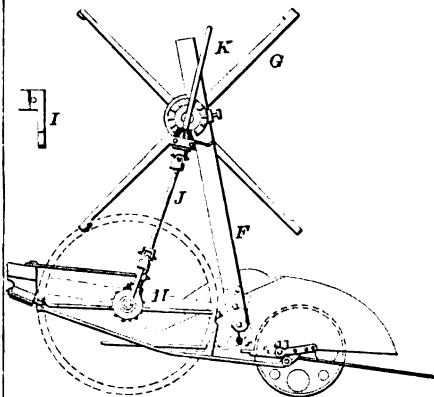
86448—O. B. Rand—Knob Latch.



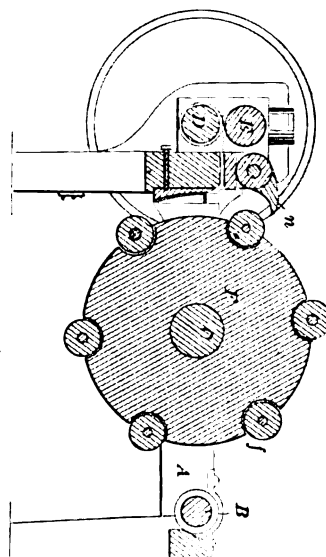
86443—S. Platt—For Improving Brine, &c.



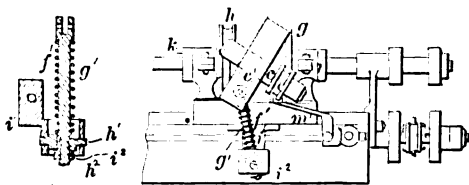
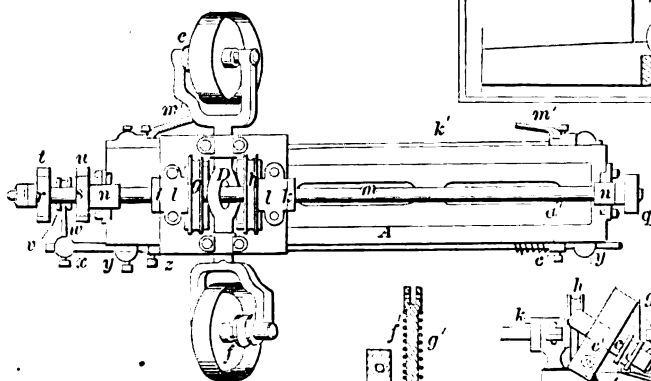
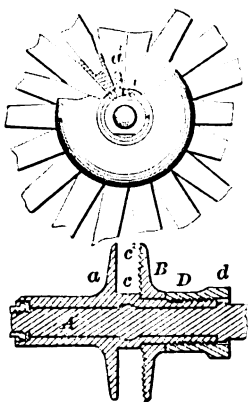
86449—Rank &amp; Cox—Harvester.



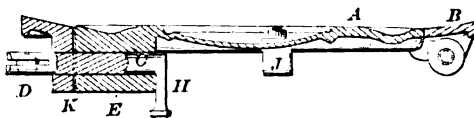
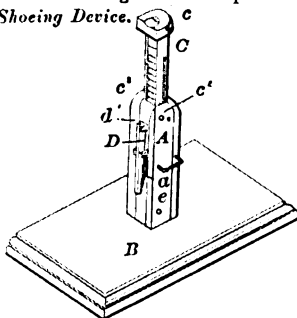
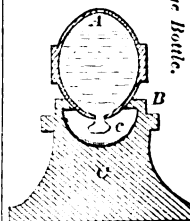
86450—A. Reese—Horse Shoe Nail Machine.



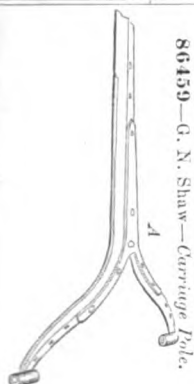
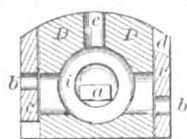
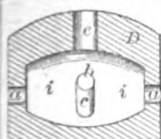
86452—J. Robb—For Grinding Cards.

86451—N. Rixford—  
Wagon.

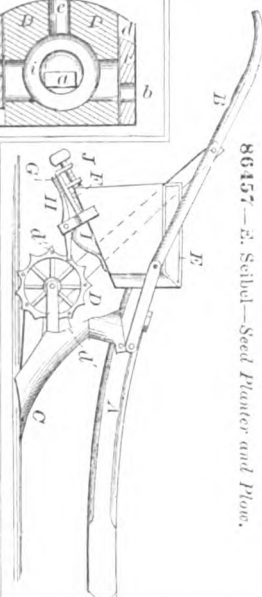
86454—W. A. Robinson—Bolt for Store Doors.

86455—Rogers & Thompson—  
Shoeing Device.86453—D. A. Robinson, Jr.—  
Mucilage Bottle.

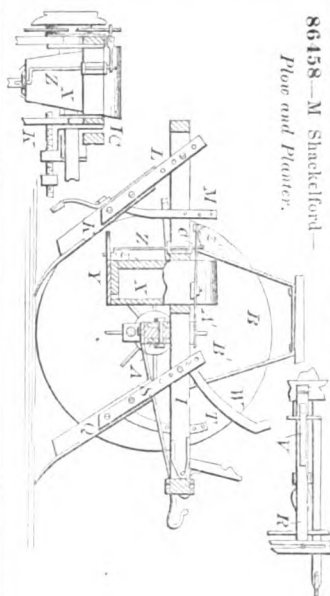
86456—J. Roy—For Heating Metals.



86459—G. N. Shaw—Carriage Pole.

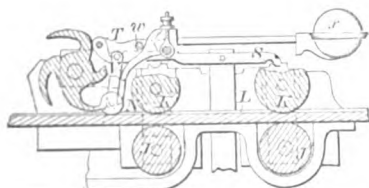
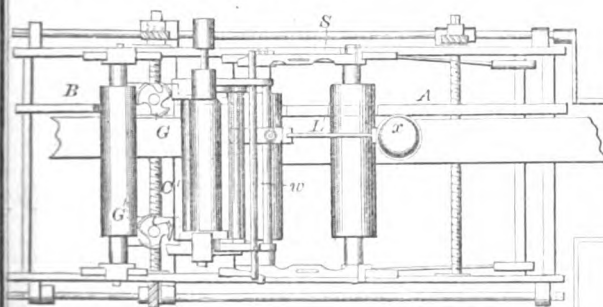


86457—E. Schul—Seed Planter and Plan.

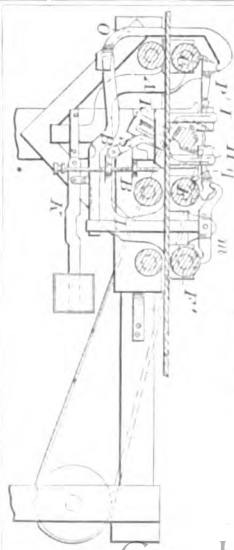


86458—M. Shackelford—Planer and Planter.

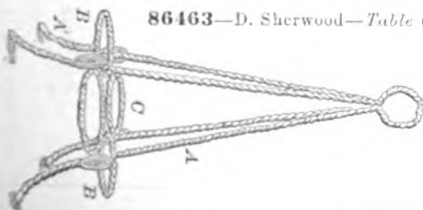
86460—J. B. Schenck—Planing Machine.



86467—E. W. Sperry—Boring Dies.

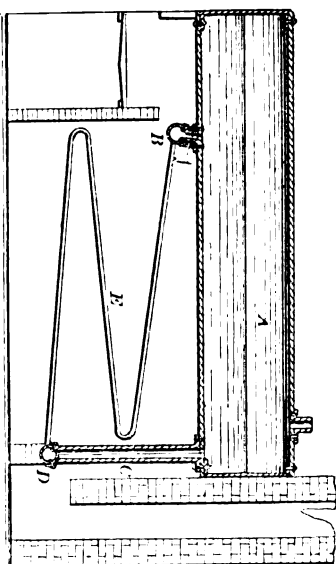


86461—J. B. Schenck—Pruning Machine.

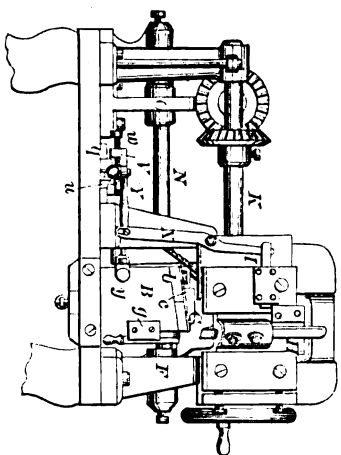


86463—D. Sherwood—Table Caster.

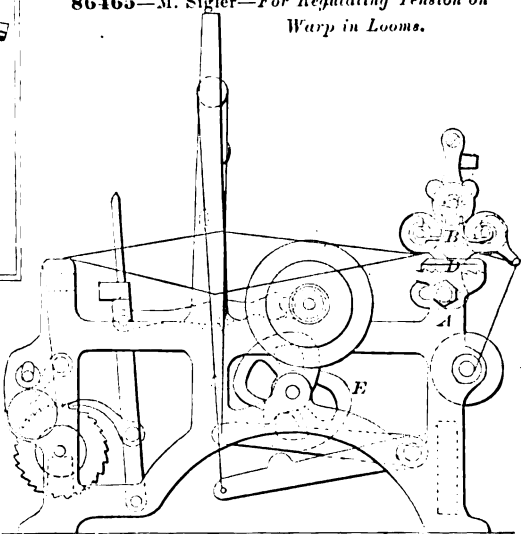
86464—O. P. Shinn—Steam Generator.



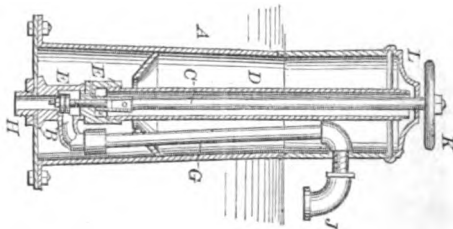
86462—S. D. Sheldon—For Serrating Steel Sections.



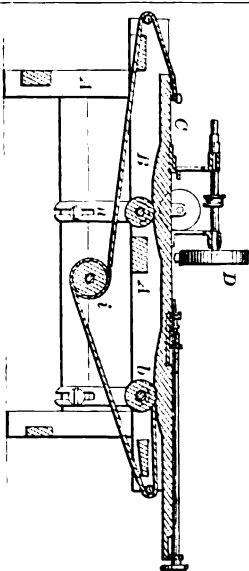
86465—M. Sigler—For Regulating Tension on Warp in Looms.



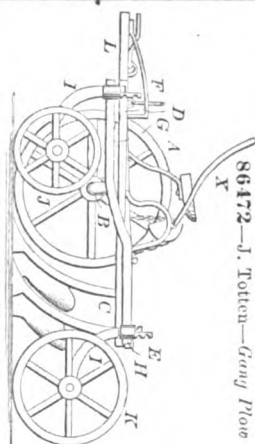
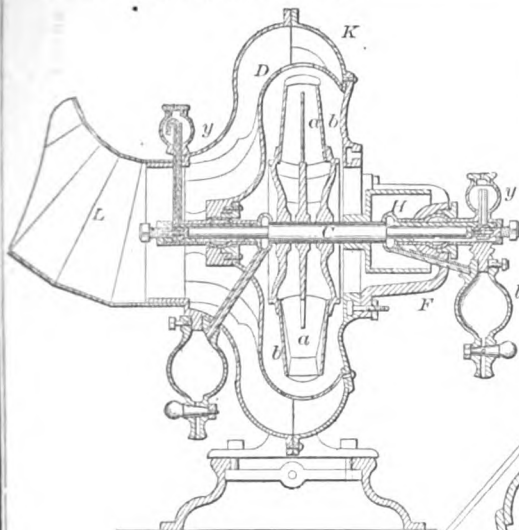
86466—Smith &amp; Wood—Hydrant.



86468—Stricker &amp; Lotcher—Stave Dressing Machine.

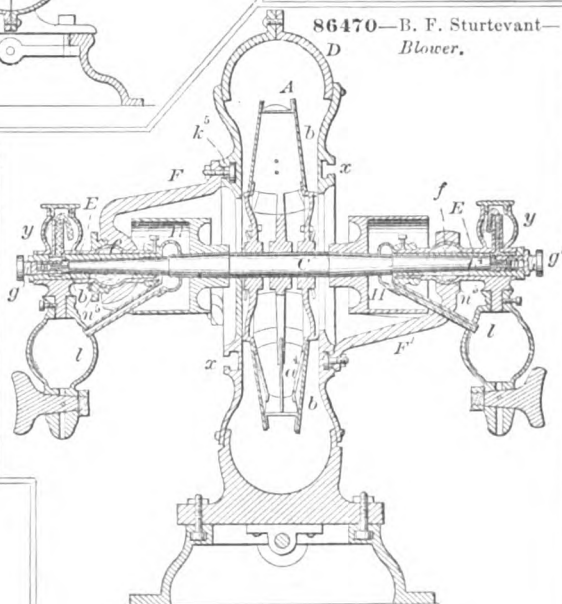


86469—B. F. Sturtevant—Blower.

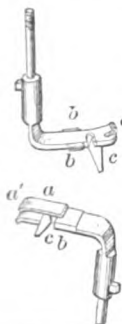


86472—J. Totten—Grain Plover

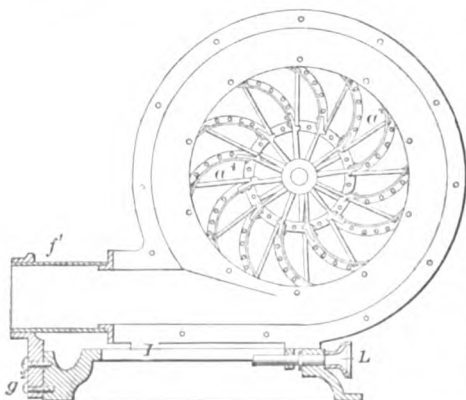
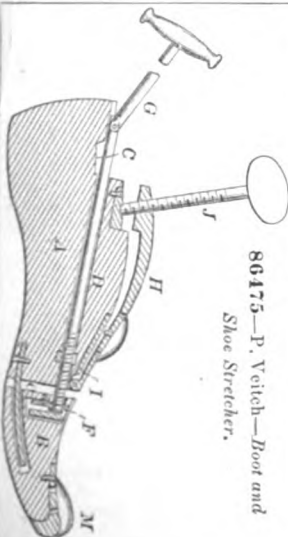
86470—B. F. Sturtevant—Blower.



86471—W. H. Van Vleet—Sewing Machine Guide.

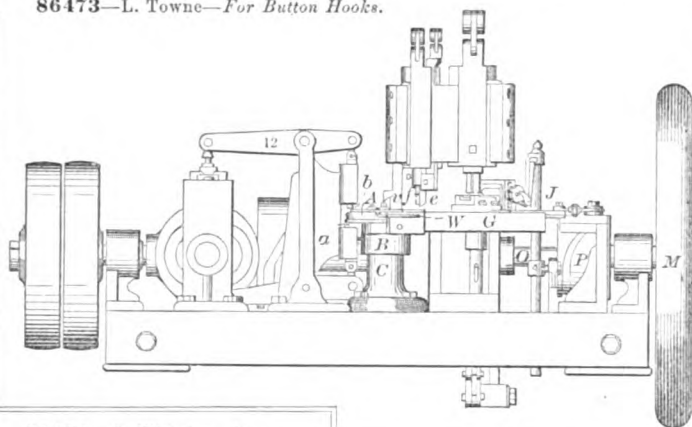


86475—P. Veitch—Boot and Shoe Stretcher.

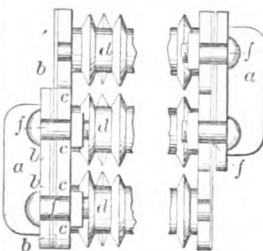




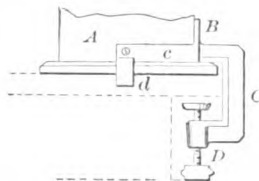
86473—L. Towne—For Button Hooks.



86480—C. Whittier—Steam Heater.



86484—J. Winkler—Coffee Mill Fastener.



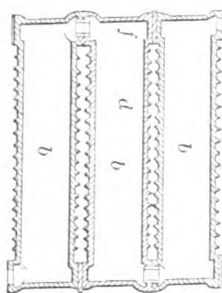
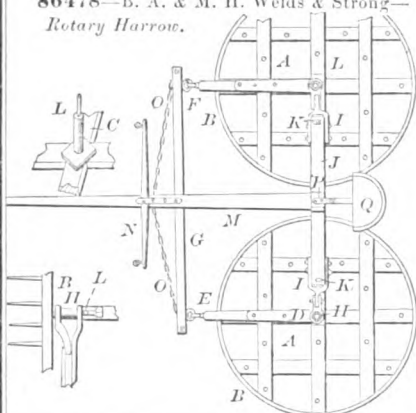
86476—G. Webb—Fence Post.



86483—N. A. Williams—Shuttle.

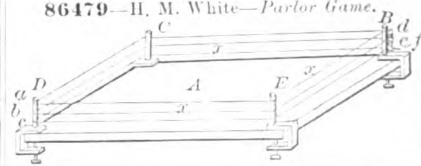


86478—B. A. &amp; M. H. Welds &amp; Strong—Rotary Harrow.

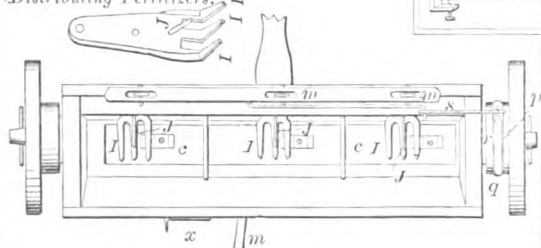


86481—C. Whittier—Steam Heater.

86479—H. M. White—Parlor Game.



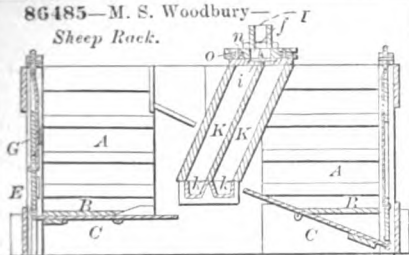
86477—Weirick, Weller &amp; Rohr—For Distributing Fertilizers.



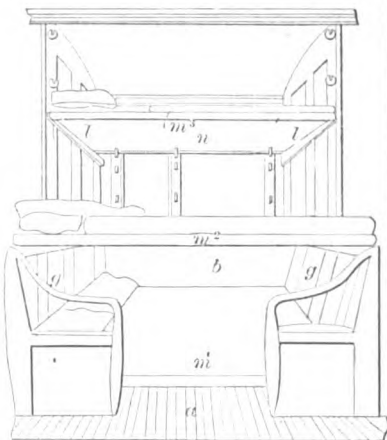
86482—F. S. Willecox—Door Spring.



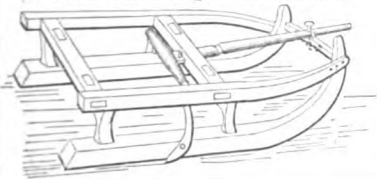
**86485**—M. S. Woodbury—*Sheep Rack.*



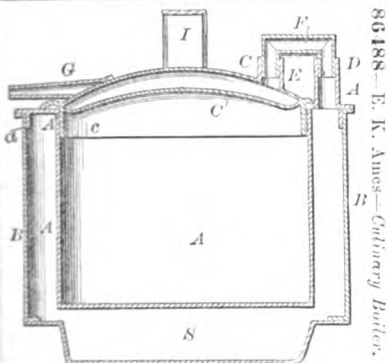
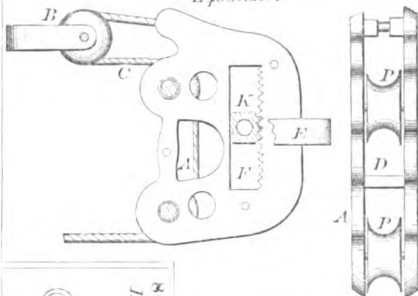
**86486**—T. T. Woodruff—*Sleeping Car.*



**86487**—A. W. Wright—*Sled Brake.*

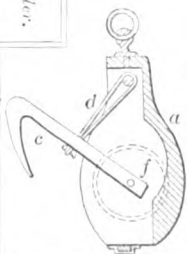
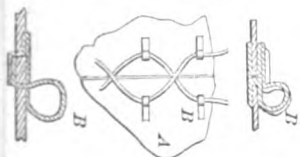


**86491**—Avery & Leckenby—*Three Horse Equalizer.*



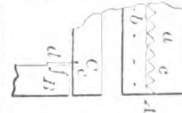
**86488**—E. K. Ames—*Cutlery Boiler.*

**86494**—W. Banister—*Boot Lacing.*

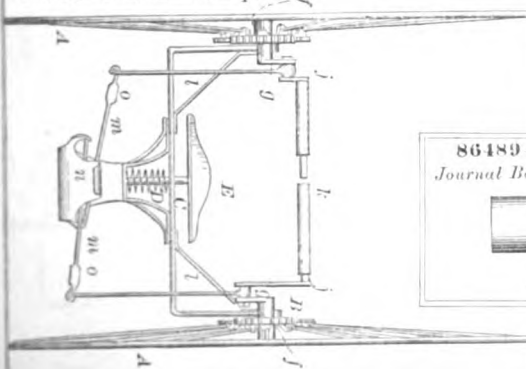


**86490**—Atwood & Hatch—*Boot Brushing Apparatus.*

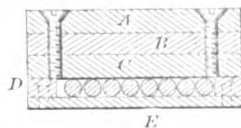
**86492**—S. Baker—*Safety Strip for Packing Cases.*



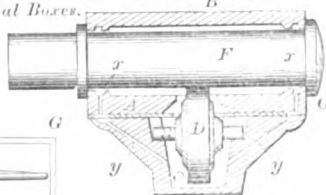
**86495**—J. Beck—*Velopede.*



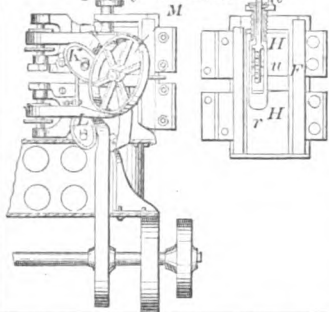
**86493**—R. A. Ballou—*Safe.*



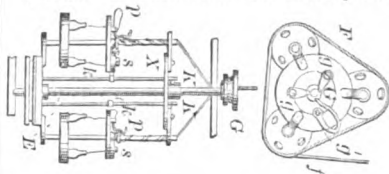
**86489**—Atwood & Bolwell—*Lubricating Journal Boxes.*



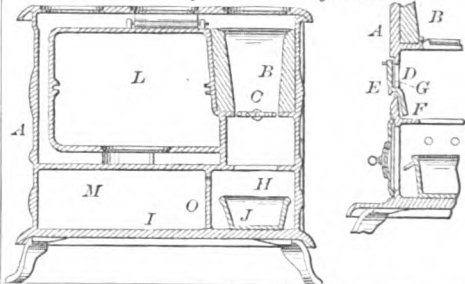
86496—Behel &amp; Nelson—Tenoning

*Machine.*

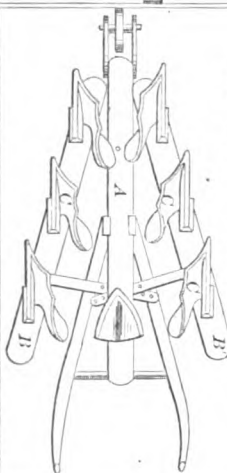
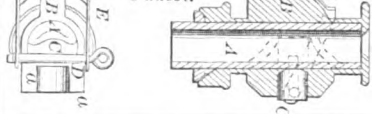
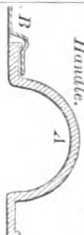
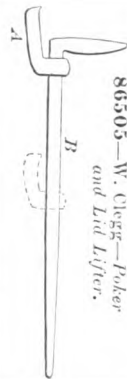
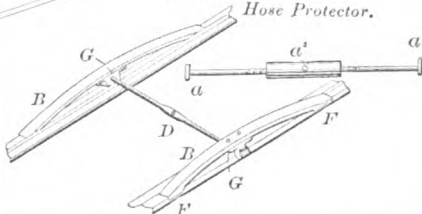
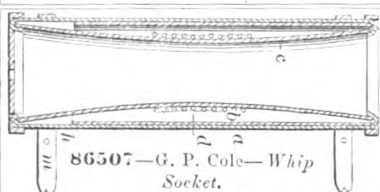
86497—H. Boardman—For Making Cord.



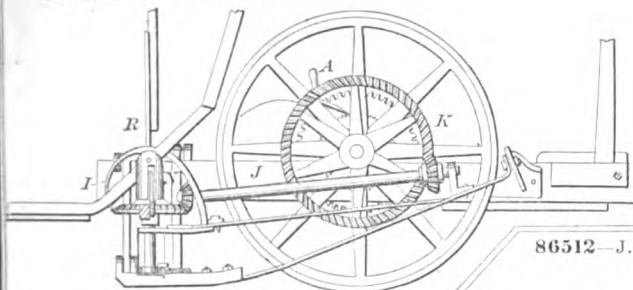
86499—N. A. Boynton—Cooking Stove.



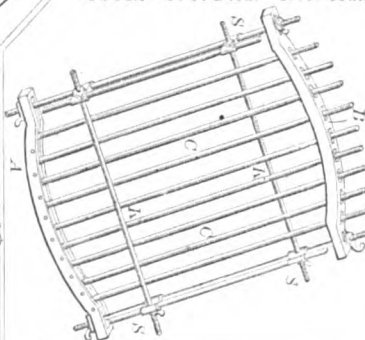
86502—R. J. Barbank—Collector.

86498—D. L. & R. Bollerman—*Faucet.*86503—P. F. Burke—Bar  
for Toe Calks.86500—M. Bray—*Chair  
Handle.*86505—W. Cheever—*Forker  
and Lid Lifter.*86501—G. A. Brown—*Buckle.*86504—J. H. Cheever—*Metal  
and Rubber Tire.*86508—C. C. Converse—*Hose Protector.*86507—G. P. Cole—*Whip  
Socket.*

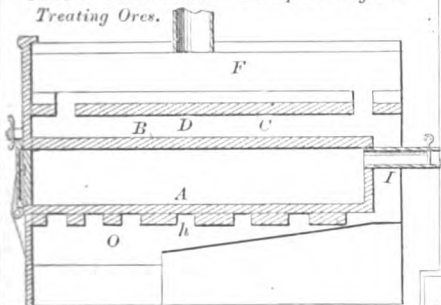
86511—J. D. Custer—Harvester Rake.



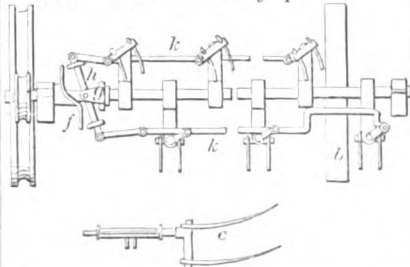
86512—J. J. Diehl—Door Mat.



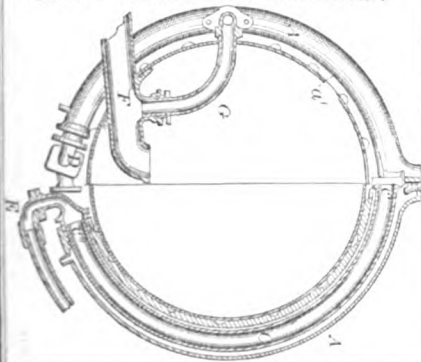
86514—H. H. Eames—Desulphurizing and Treating Ores.



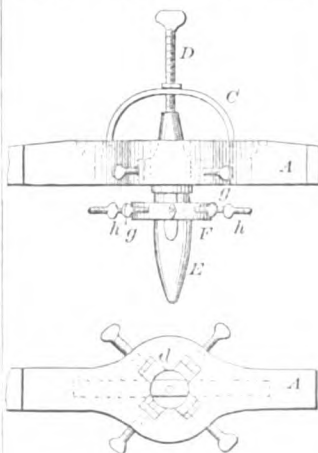
86516—W. H. Elliot—Hay Spreader.



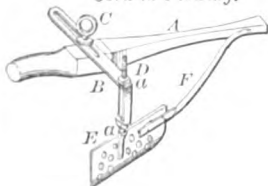
86515—R. Eaton—Feed Water Heater.



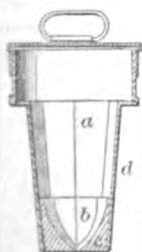
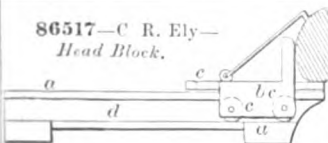
86518—A. Eshelman—Mill Staff.



86521—J. Fox—Shield for Corn in Plowing.



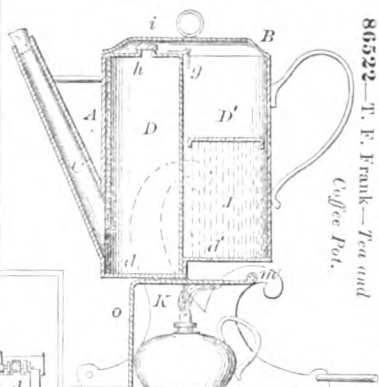
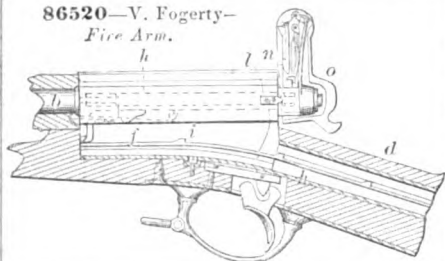
86517—C. R. Ely—Head Block.



86519—P. Find—Ice Cream Mould.

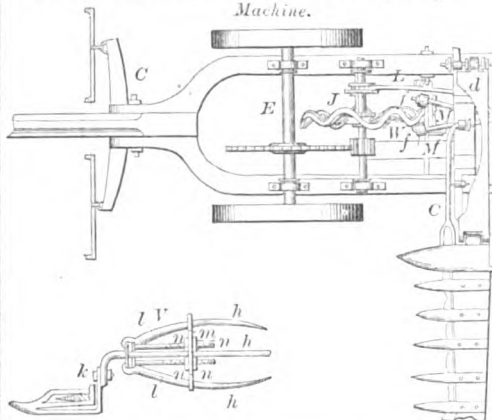


86520—V. Fogerty—  
Fire Arm.

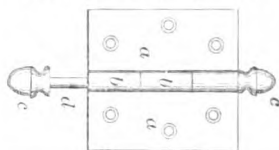


86522—T. F. Frank—Tea and  
Coffee Pot.

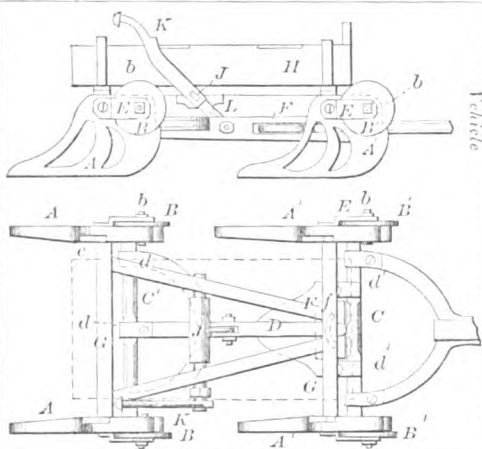
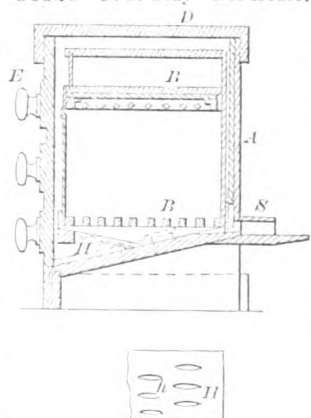
86523—Franklin, Hastings & Gates—Mowing  
Machine.



86524—J. D. Frary—Butt.

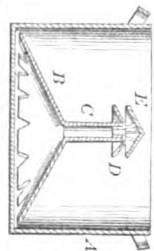
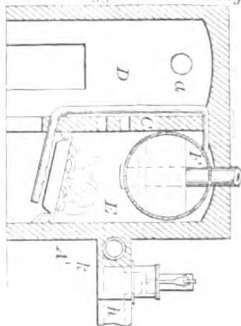


86528—D. S. Gray—Bee House.



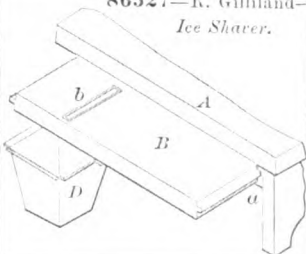
86525—D. C. Fracour—Sleigh and  
Wheeled Vehicle.

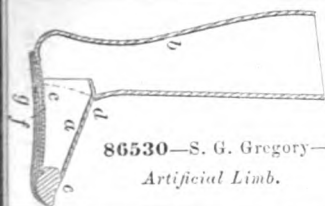
86529—J. Green—Gas Apparatus  
for Metallurgy, Glass Making, &c.



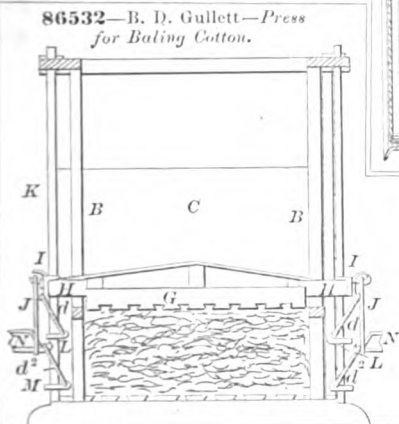
86526—P. Frenz—Wash  
Boiler.

86527—R. Gilliland—  
Ice Shaver.

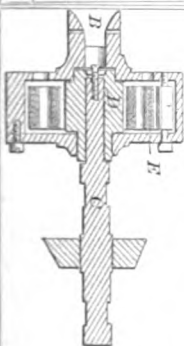




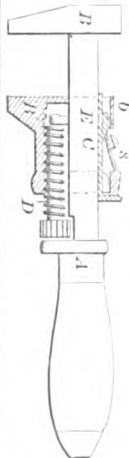
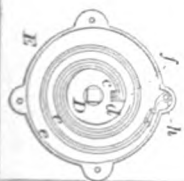
86530—S. G. Gregory—  
Artificial Limb.



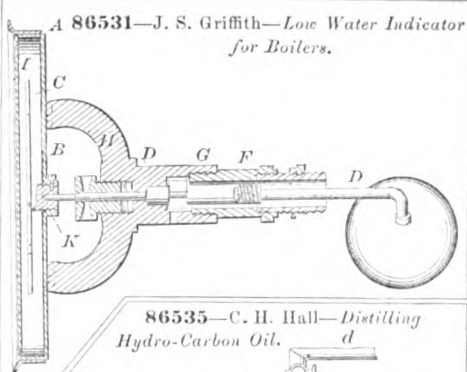
86532—B. D. Gullett—Press  
for Baling Cotton.



86533—J. A. Hafner—Horse Power Connection.

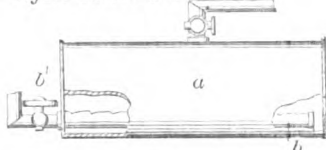


86534—C. Hall—Screw Wrench.

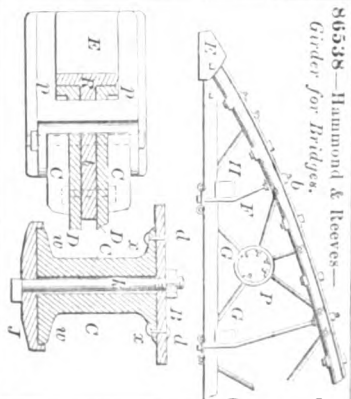
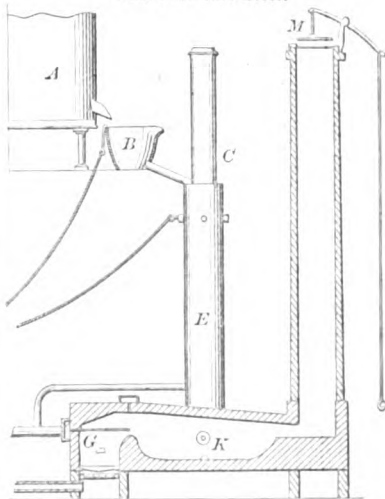


86531—J. S. Griffith—Low Water Indicator  
for Boilers.

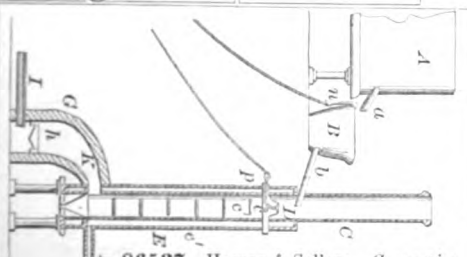
86535—C. H. Hall—Distilling  
Hydro-Carbon Oil.



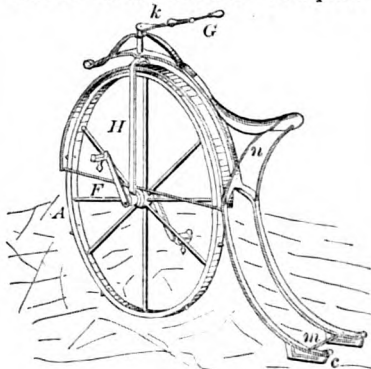
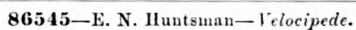
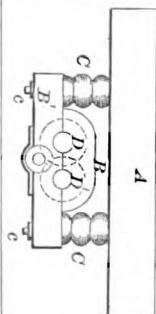
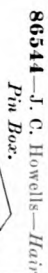
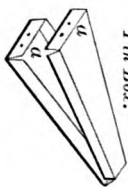
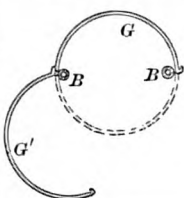
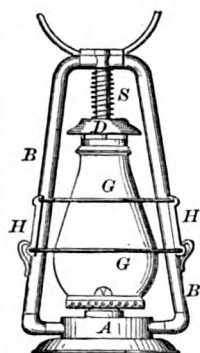
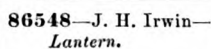
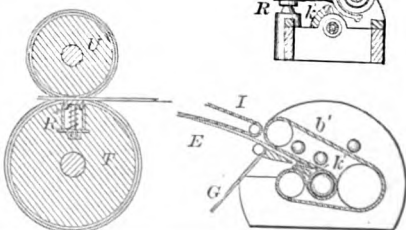
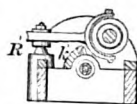
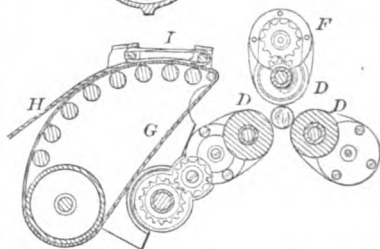
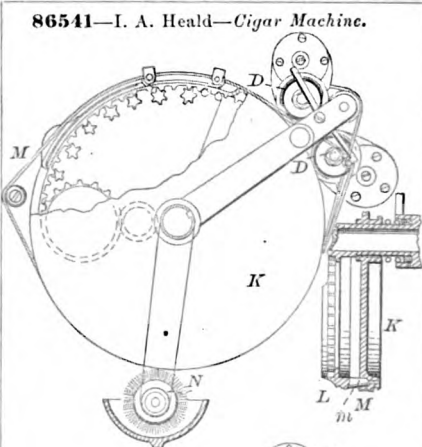
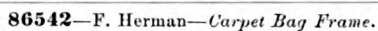
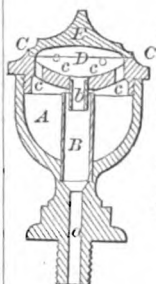
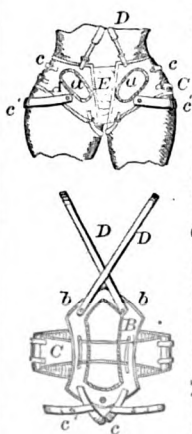
86536—A. Hamar—For Converting  
Cast Iron into Steel.

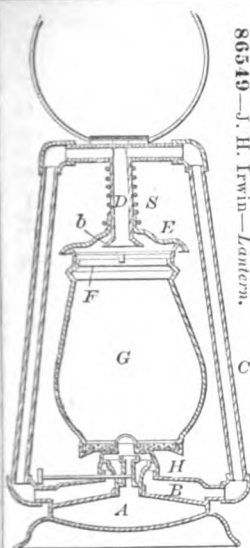


86538—Hammond & Reeves—  
Hammer for Bridges.



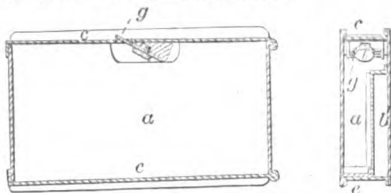
86537—Hamar & Sellers—Converting  
Cast Iron into Malleable Iron.



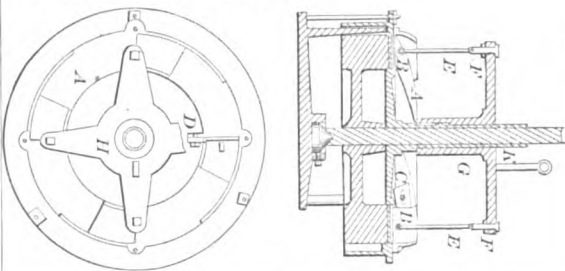


86349—J. H. Irwin—Lantern.

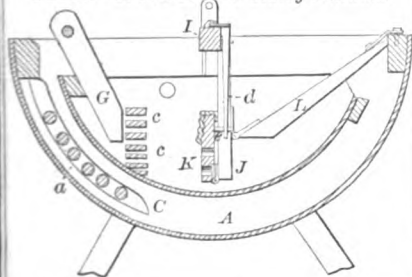
86550—J. P. Jamison—Tobacco Box.



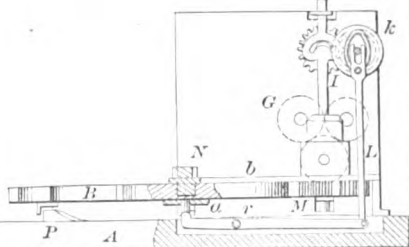
86556—D. Lane—Water Wheel.



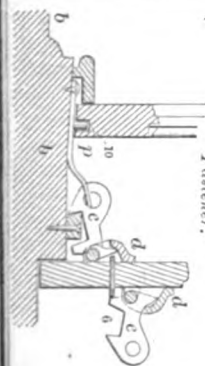
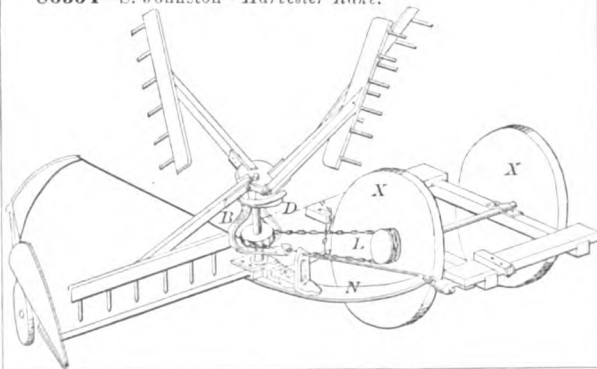
86555—J. J. Koch—Washing Machine.



86557—W. O. Leslie—Brick Machine.

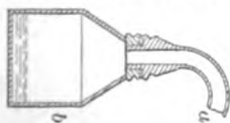


86554—S. Johnston—Harvester Rake.

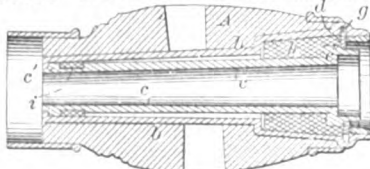


86552—Johnson & Ingersoll—Blind Fastener.

86553—J. Johnson—Collecting Exudable Products of Pine Trees.

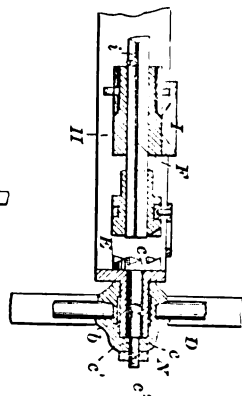
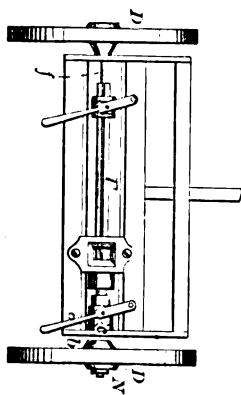
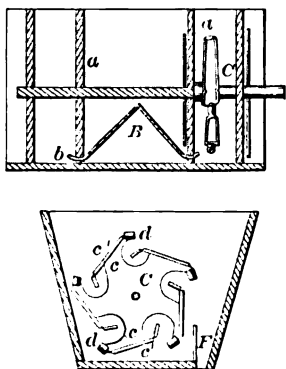


86558—G. Leverich—Axle Box and Hub.



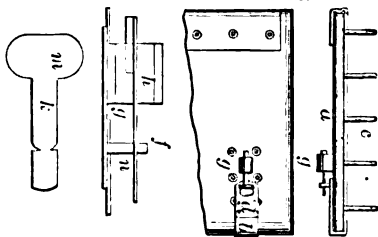


**86559**—J. L. Linderman—  
*Seed Sower*

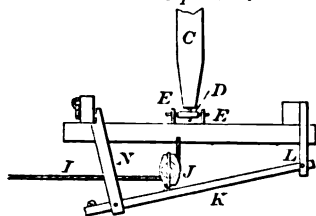


**86561**—Lowth & Howe—*Seed Sower*.

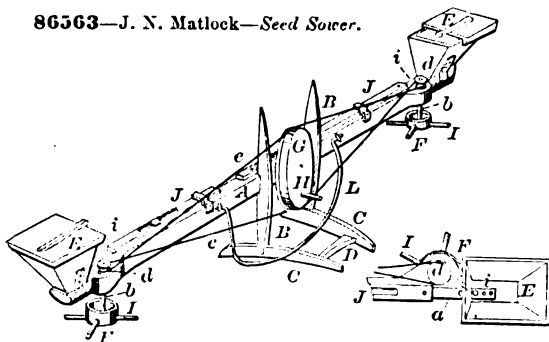
**86560**—Locke & Mason—*Lock*.



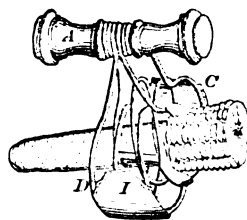
**86564**—Matteson & Williamson—  
*Grain Separator*.



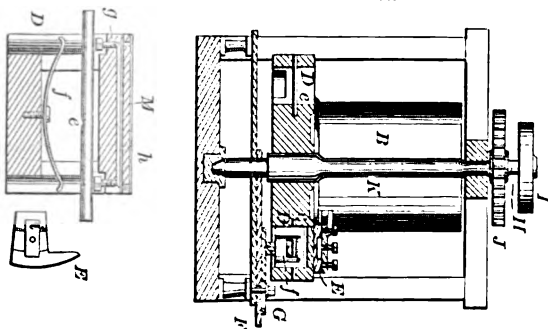
**86563**—J. N. Matlock—*Seed Sower*.



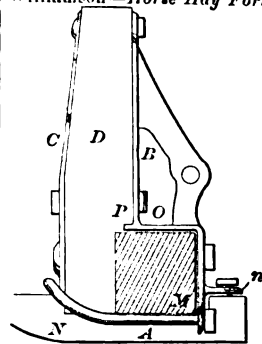
**86562**—W. I. Ludlow—  
*Corn Sheller*.



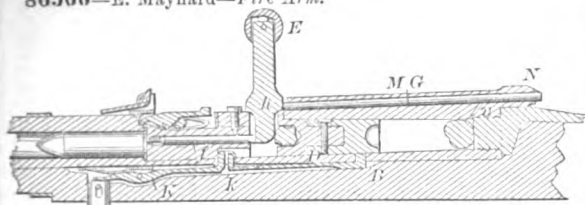
**86567**—G. W. McCann—*Brick Machine*.



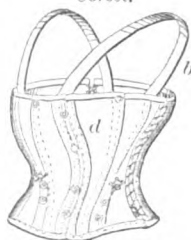
**86565**—Matteson & Williamson—*Horse Hay Fork*.



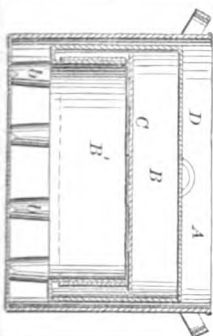
86566—E. Maynard—Fire Arm.



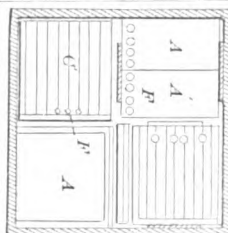
86570—E. J. Meriman—Corset.



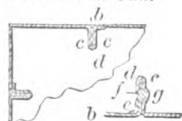
86568—S. A. McGeorge—Wash Boiler.



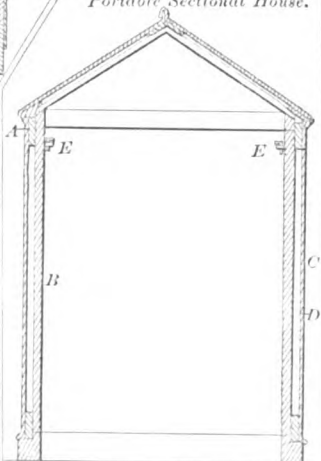
86569—E. D. Meador—Beetle, F.



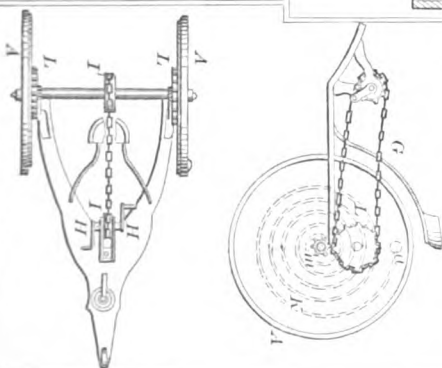
86571—H. Miller—Sheet Metal Can.



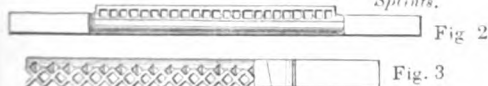
86572—J. Montgomery—Portable Sectional House.



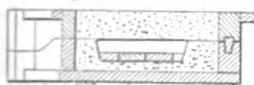
86573—J. A. Morrell—Velocipede.



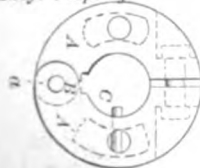
86576—Murphy & Barber—For Splitting Match Splints.



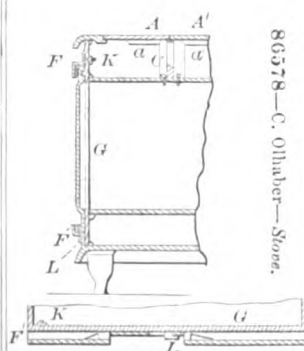
86579—J. Oliver—Chill for Casting Mould Boards.



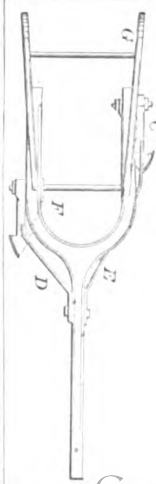
86581—E. E. & C. T. Packer—Shaft Coupling.

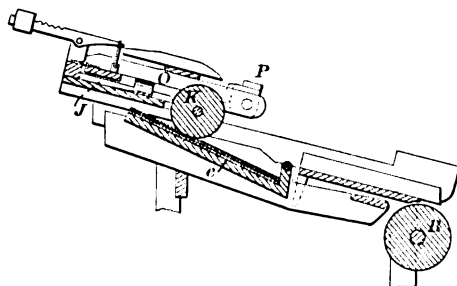
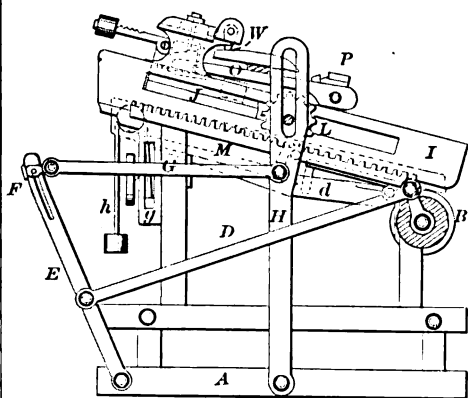
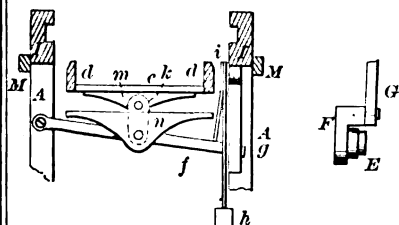
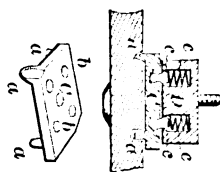
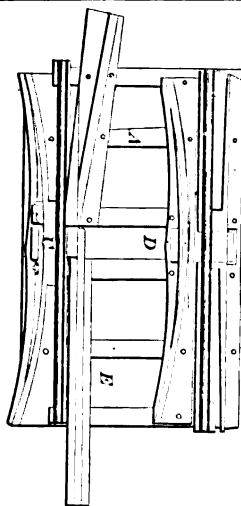
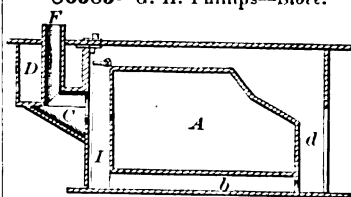
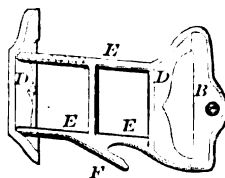
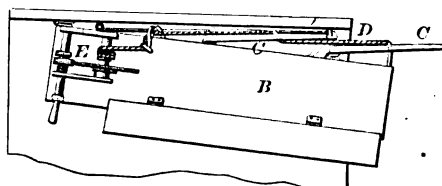
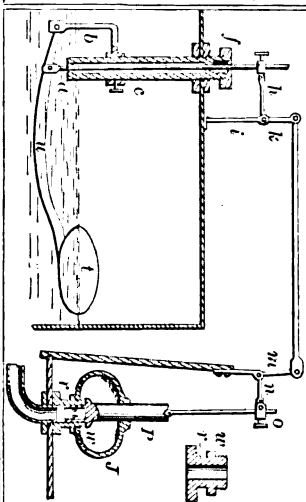


86578—C. Olshaver—Saw.

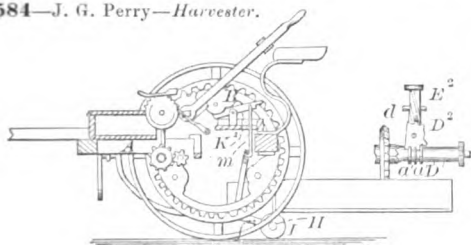


86577—J. W. Nicholson—Shovel Plate.



**86575—W. Mowry—Paper Feeding Machine.****86582—G. Palmer—Lock Nut.****86583—G. Palmer—Railway Track.****86585—G. H. Phillips—Store.****86587—G. Race—Halter Hitch.****86588—Randall, Moore & Randall—Shear Boom.****86580—J. D. Otis—Feed Water for Boilers.****86586—Piper & Allen—Point Bench.**

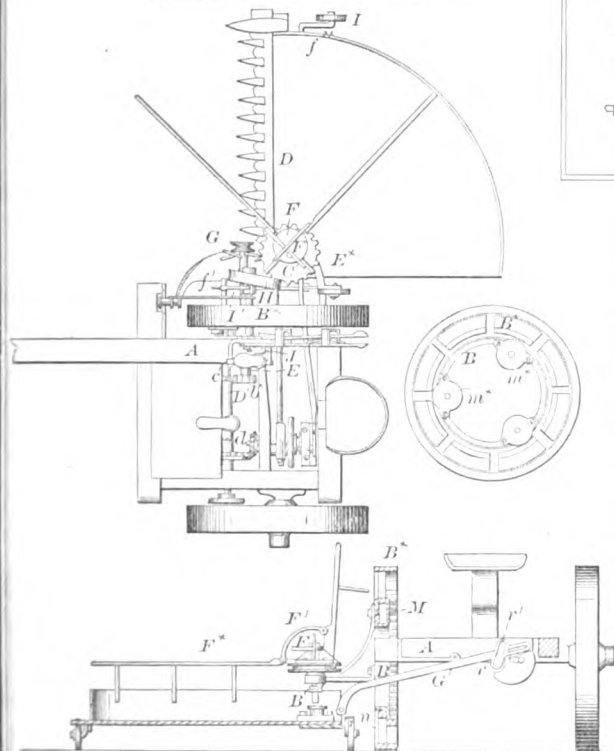
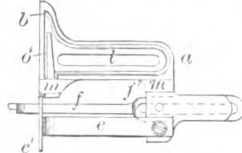
86584—J. G. Perry—*Harvester.*



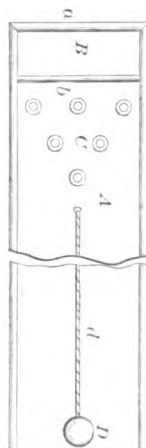
86591—T. K. Reed—*Stitch Fastening Wire.*



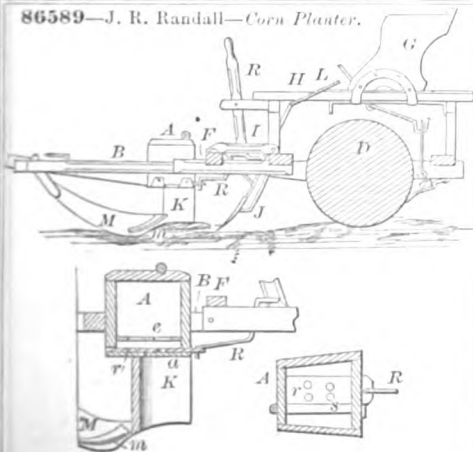
86594—P. Rodier—*Sewing Machine Gauge.*



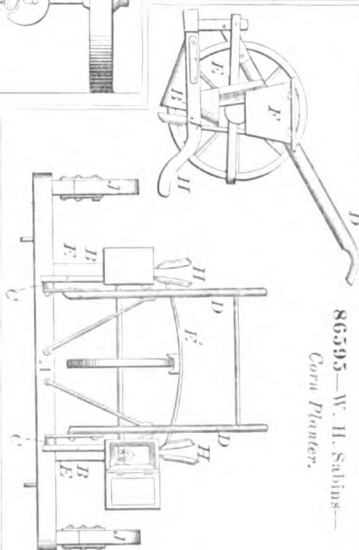
86593—C. Robinson—*Ten Pin Alloy.*



86589—J. R. Randall—*Corn Planter.*

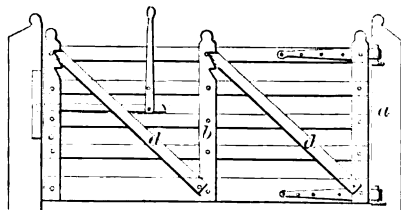


86595—W. H. Sabins—*Corn Planter.*

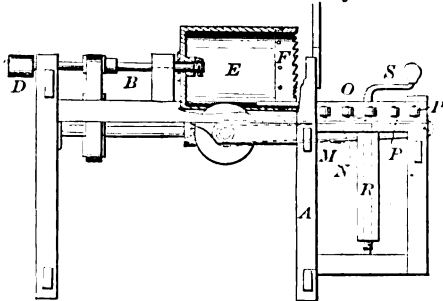




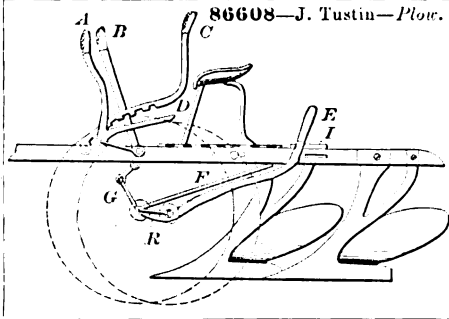
86603—J. Tanner—Farm Gate.



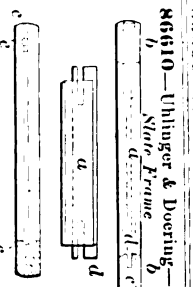
86607—J. W. Trout—For Sawing Staves.



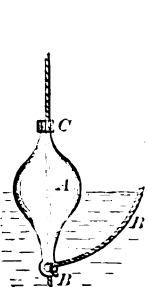
86608—J. Tustin—Plow.



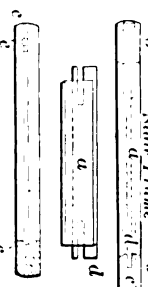
86611—F. L. Walker—For Cutting up Leather Stock.



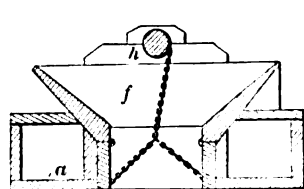
86609—J. A. Terrell—Plow.



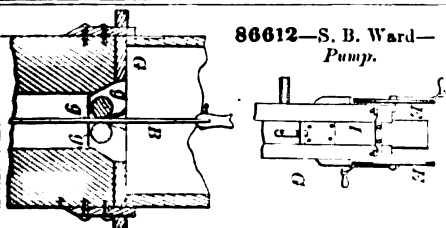
86610—Whinger & Doering—Slate Frame.



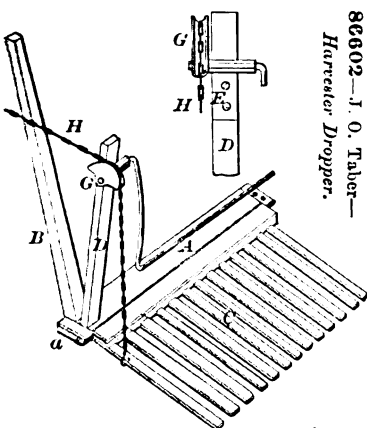
86614—H. W. Wilson—Scor.



86612—S. B. Ward—Pump.



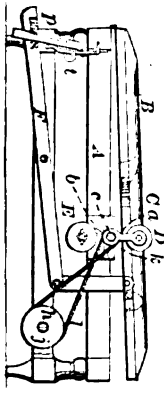
86602—J. O. Taber—Harvester Dropper.



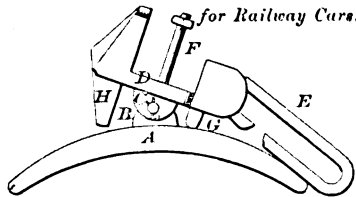
86606—C. Tollner, Jr.—Tobacco Box.



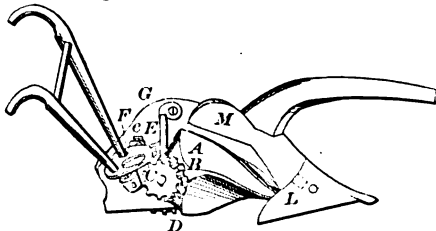
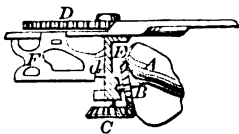
86604—G. H. Taylor—Medical Vibrating and Kneading Machine.



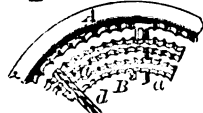
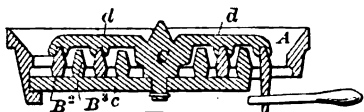
**86613**—W. Wilmore—*Brake Block for Railway Cars.*



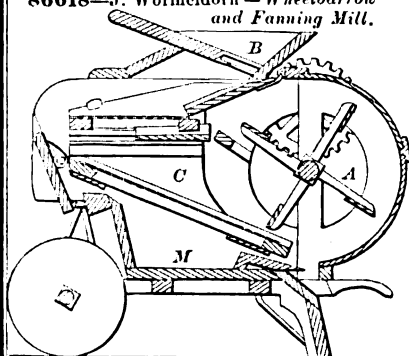
**86615**—G. A. Wing—*Plow.*



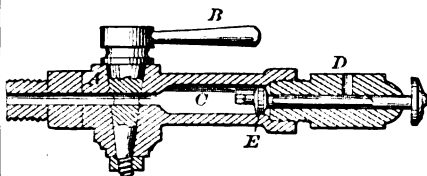
**86616**—G. A. Wing—*Stove Grate.*



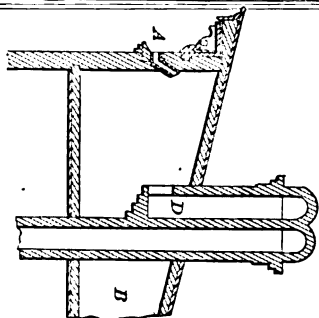
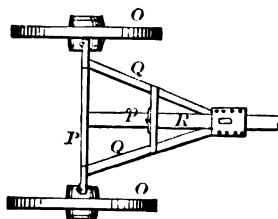
**86618**—J. Wormeldorff—*Wheelbarrow and Fanning Mill.*



**86617**—G. W. Wiswell—*Stop Valve for Steam Generators.*

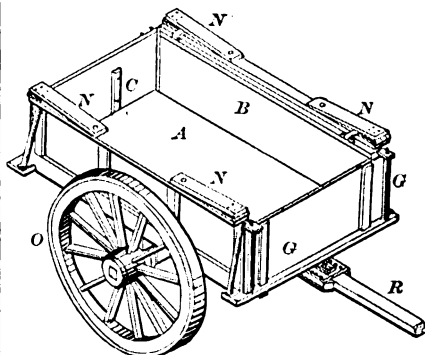
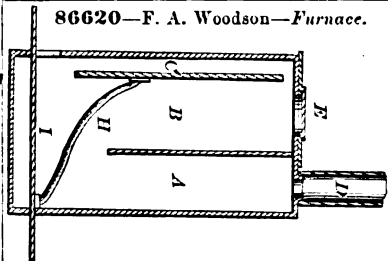


**86619**—M. S. Woodbury—*Ox Cart.*

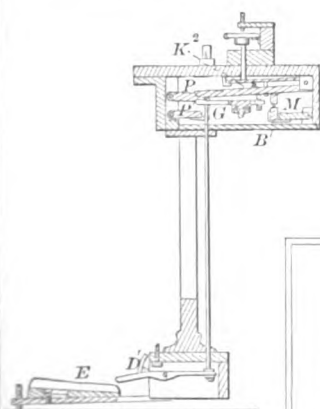
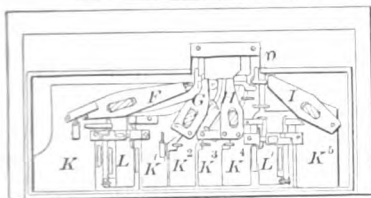
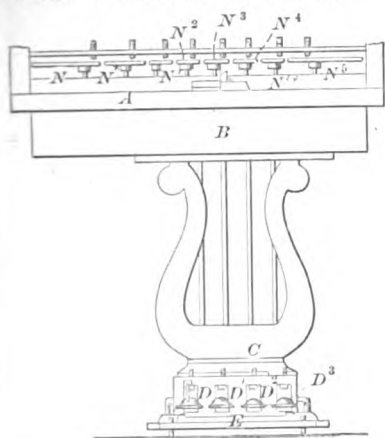


**86622**—G. J. Zimmerman—*Ventilator.*

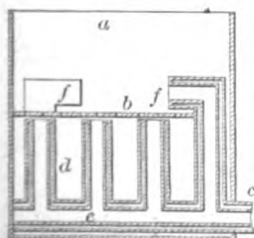
**86620**—F. A. Woodson—*Furnace.*



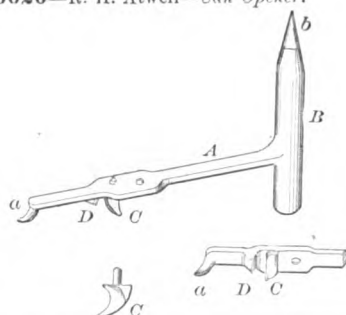
86621—E. Zachariae—Piano Pedal.



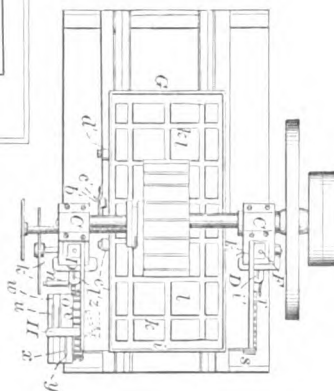
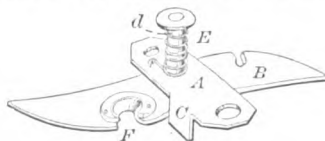
86625—C. E. Ashcroft—Dryer.



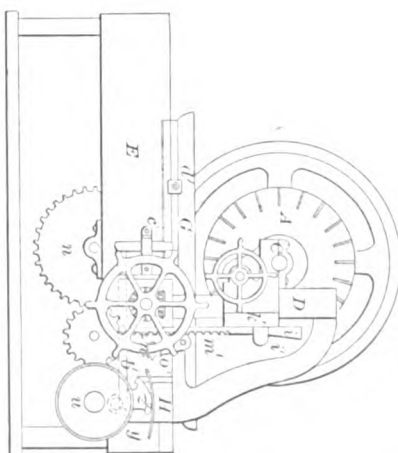
86626—R. H. Atwell—Can Opener.



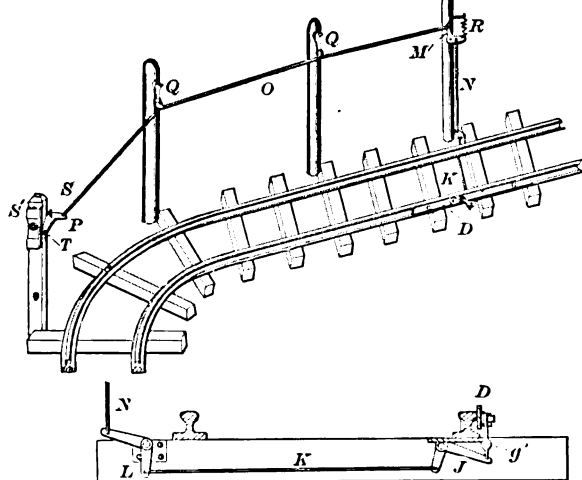
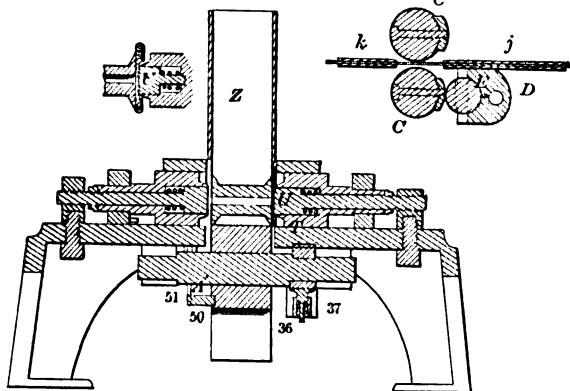
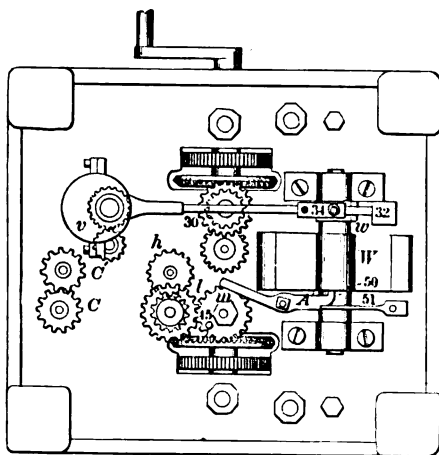
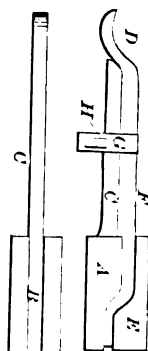
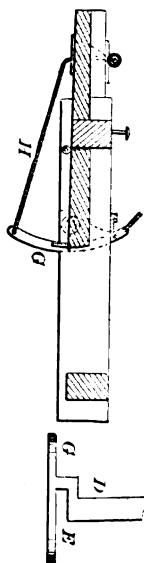
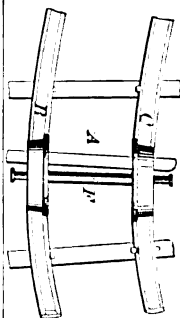
86628—J. M. Barnaby—Blind Fastener.



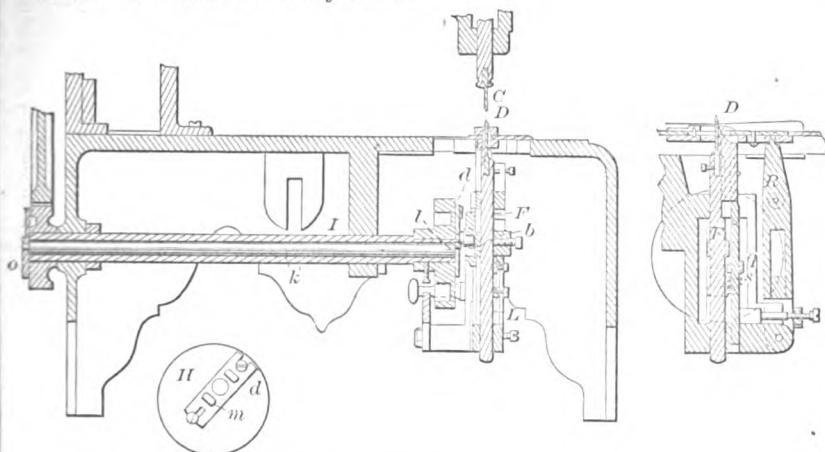
86633—J. R. Abbe—Cutting Stone.



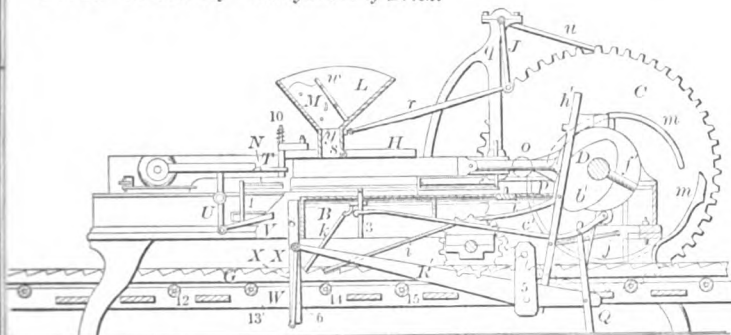


86624—Akley & Coggeshall—*Railway Signal.*86627—Q. S. Backus—*For Attaching Labels to Spools.*86629—A. E. Barnard—*Die for Bending  
Equalizing Bars.*86630—E. Bascom—*For Opening and Closing Window Blinds.*86631—V. D. Beach—*Railway Curve.*

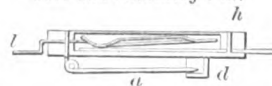
86632—E. E. Bean—For Sewing Leather.



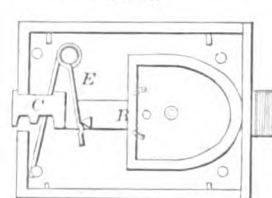
86633—B. D. Berry—Manufacture of Brick.



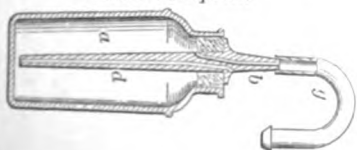
86637—W. L. Bowser—Blade Case and Attaching Pin.



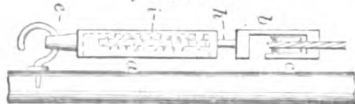
86641—H. & S. W. Budd—Latch.



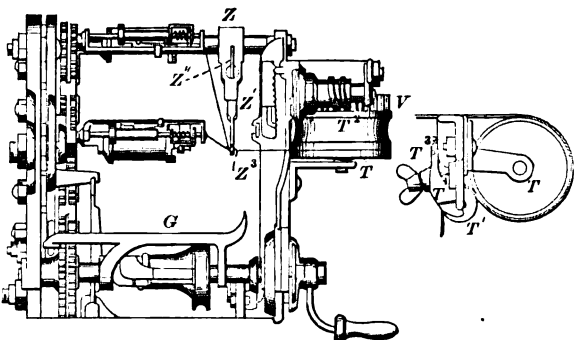
86638—J. P. Brower—Inhaler for Medical Purposes.



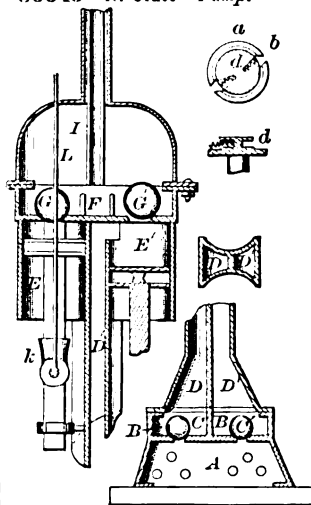
86634—W. H. Betts—Cord Tightener for Curtains.



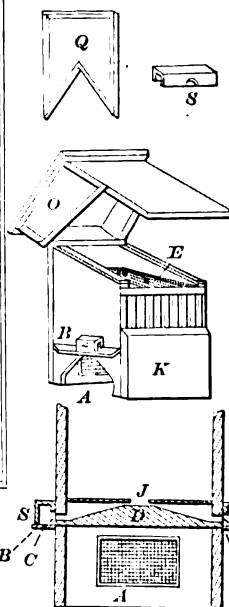
**86642—J. D. Butler—*Braiding Machine.***



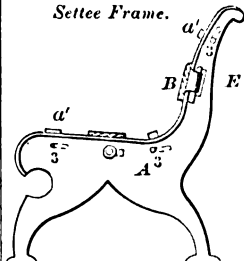
**86645—N. Clute—*Pump.***



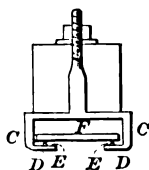
**86643—J. A. Cameron—**  
*Beehive.*



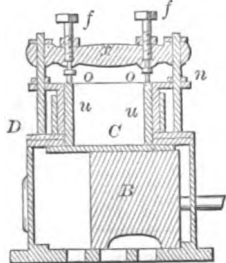
86644—T. J. Close—  
Settee Frame.



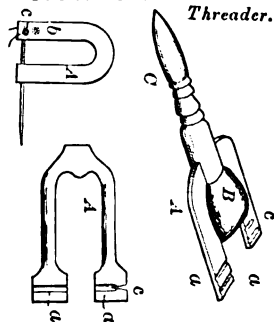
**86648—H. Crowell—  
Wagon Brake Block.**



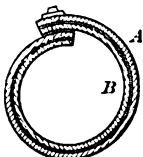
**86650—Davis & McGill—Slide Valve.**



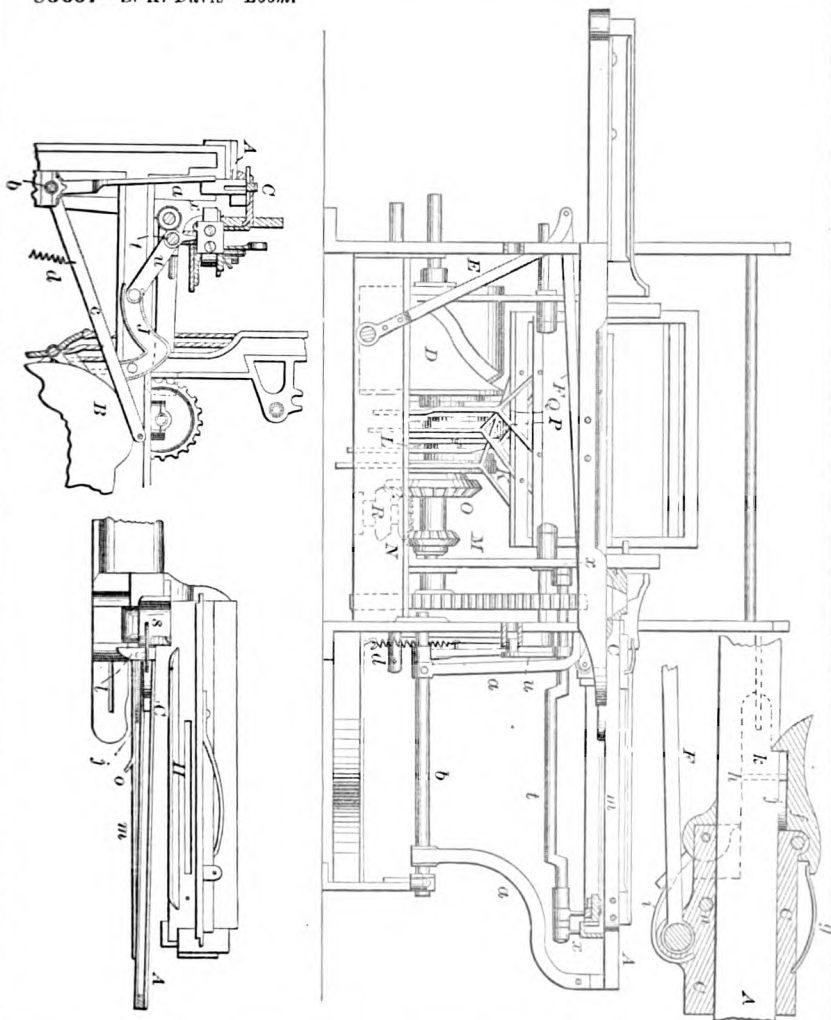
86647—0. Cox—Needle  
Threader.



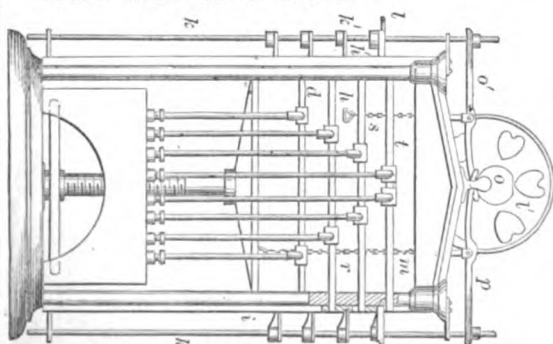
86652—J. Davis—Hosc.



86651—E. K. Davis—Loom.



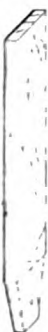
86654—W. Dobbins—Steam Press.

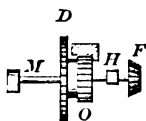
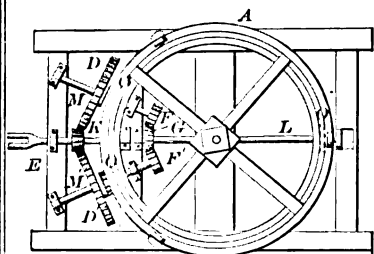
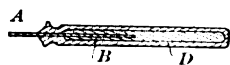
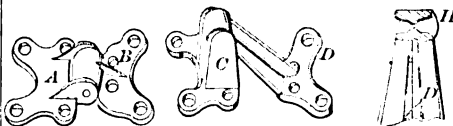
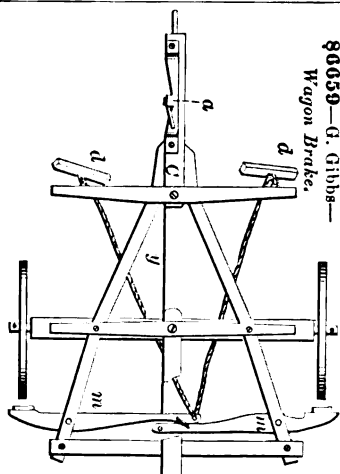
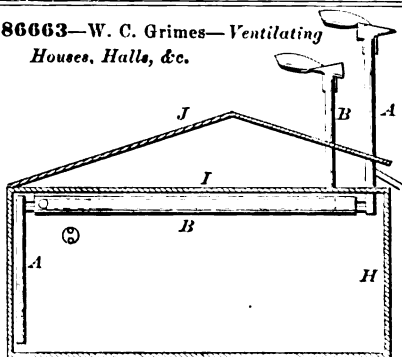
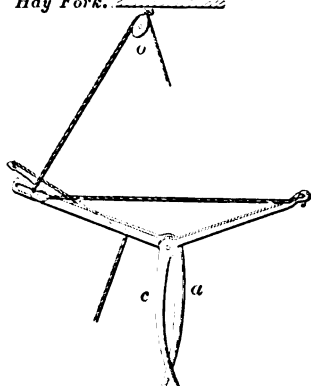
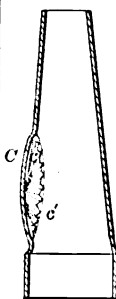
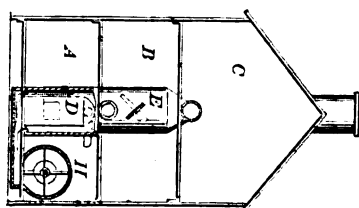
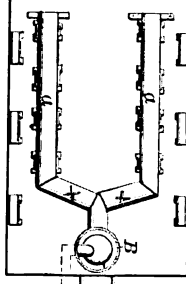


86655—J. W. Dryer—Mould for Casting  
Stegh Shoes.

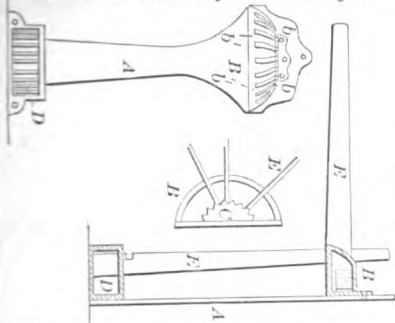


86653—A. D. Dilmars—Razor Strip.

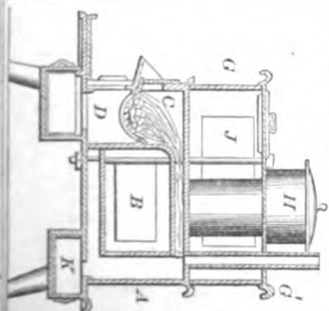
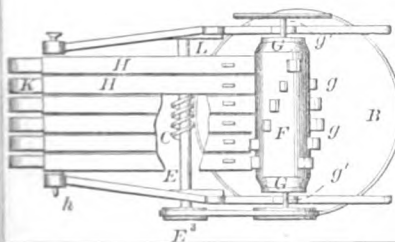
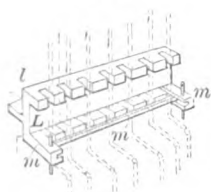
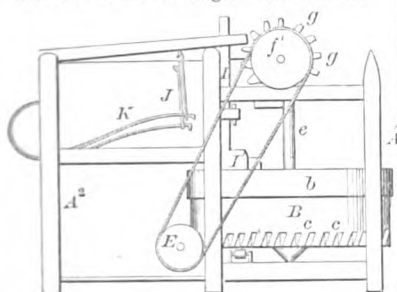


**86656**—Eberly, Lutz & Becker—*Horse Power.***86657**—J. O. Ely—*Knife.***86658**—J. B. Farmer—*Gate Hinge.***86663**—W. C. Grimes—*Ventilating Houses, Halls, &c.***86659**—G. Gibbs—*Wagon Brake.***86661**—B. F. Gladding—*Horse Hay Fork.***86660**—W. T. Gilinder—*Lump Chimney.***86666**—A. E. Harding—*For Drying Paper.***86664**—J. Grimm—*Brick.*

86665—A. M. Gurley—Clothes Dryer.

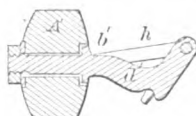
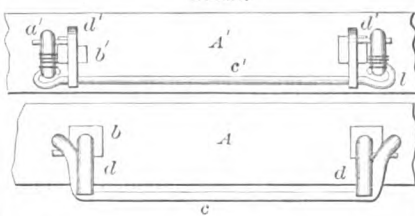


86669—Hetzel & Hager—Meat Cutter.

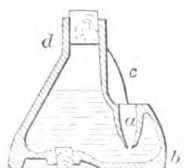


86671—M. Holdener—Store.

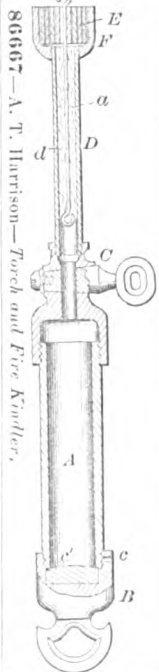
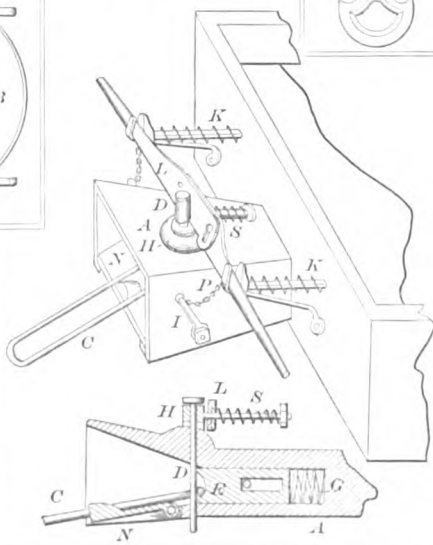
86668—W. A. Hastings—Shuttle Guide for Looms.



86670—G. G. Hickman—Inkstand.

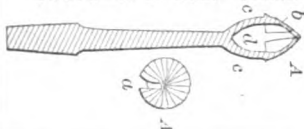


86673—H. R. Howe—Car Coupling.

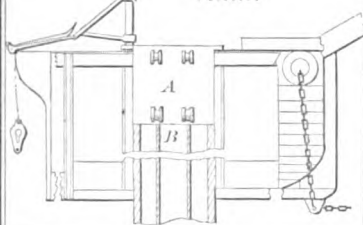


86667—A. T. Harrison—Torch and Fire Knifler.

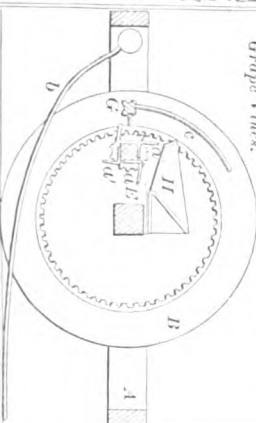
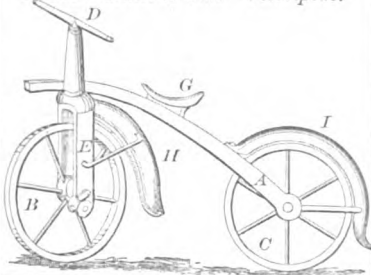
86674—L. H. Hunt—Countersink.



86676—J. M. Kilmer—For Towing Vessels.

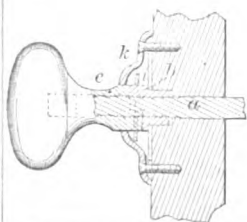


86682—Miller &amp; Ellis—Velocipede.

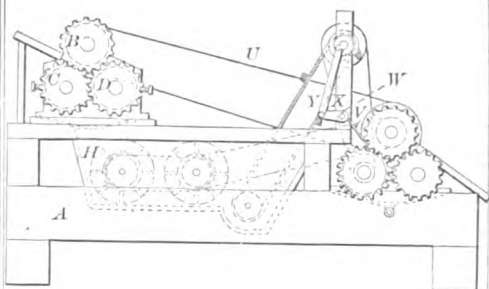


86681—L. W. Mayer—For Cutting Grape Vines.

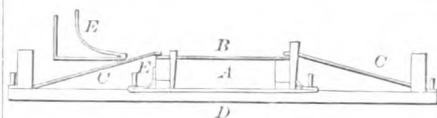
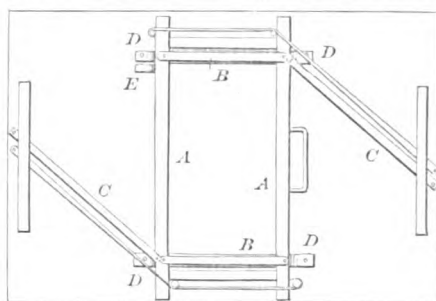
86683—W. T. Munger—Attaching Knobs to Spindles.



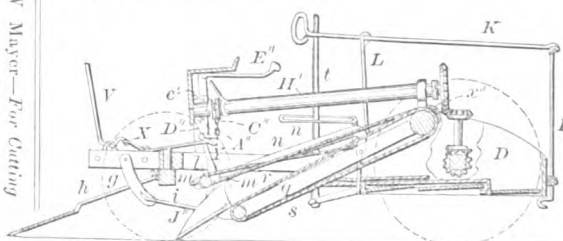
86675—B. Irving—Bark Mill.



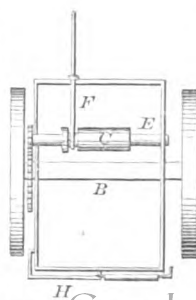
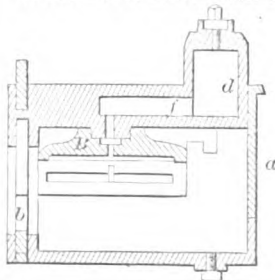
86677—R. Knott—For Confining Horse Powers.



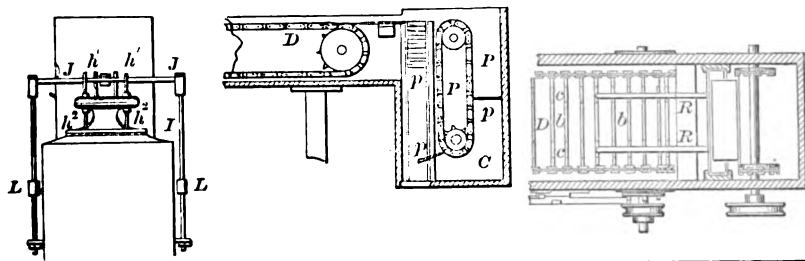
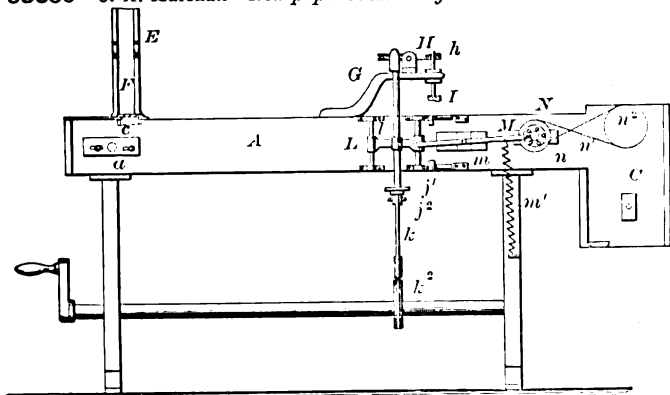
86678—J. Lee—Excavator.



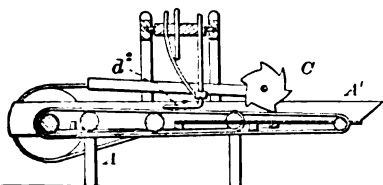
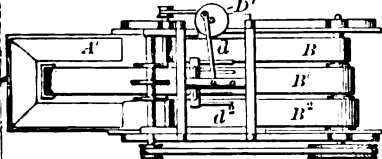
86679—J. S. Lister—Axe Box.



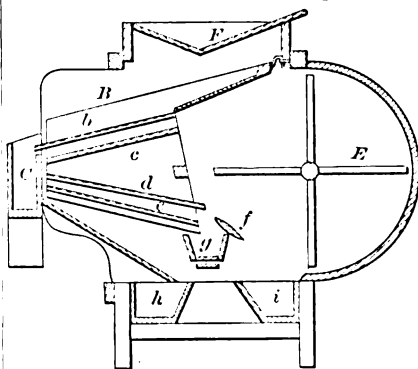
**86680**—C. K. Marshall—*Newspaper Addressing Machine.*



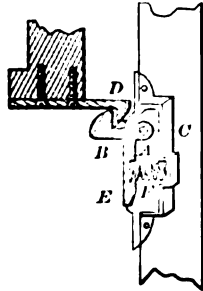
**86684**—W. Ostermeyer—*Threshing Machine Feeder.*



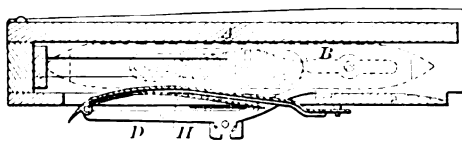
**86687**—A. W. Powers—*Grain Separator.*



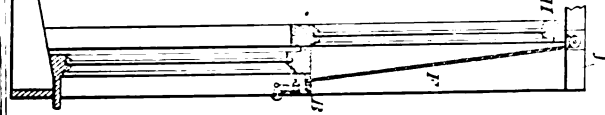
**86686**—J. H. Petersen—*Shutter Fastener.*



**86688**—E. Prentice—*Shuttle Binder for Looms.*

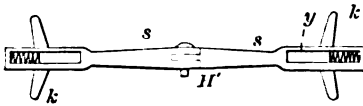
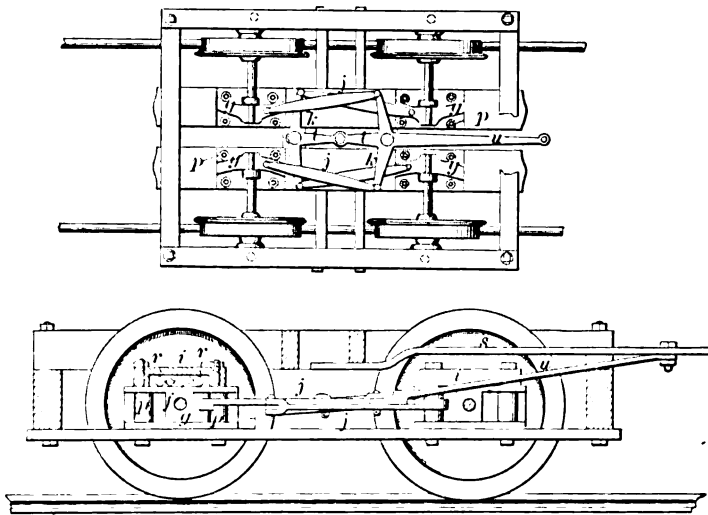


**86689**—A. H. Read—*Window Sash Supporter.*

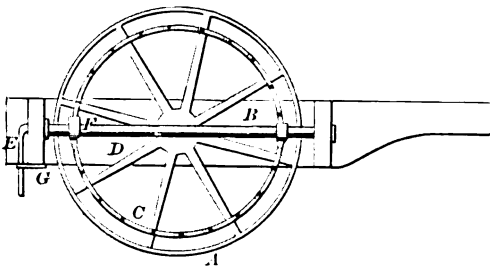




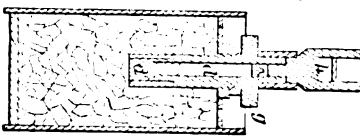
**86685**—J. R., D. W. & J. Perry—*Railroad Car.*



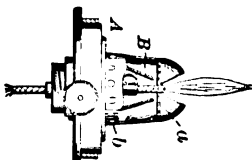
**86692—E** O. Road—*Mechanical Movement.*



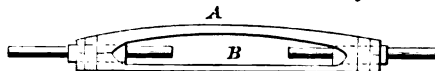
**86691**—E. A. L. Roberts—*Torpedo*.



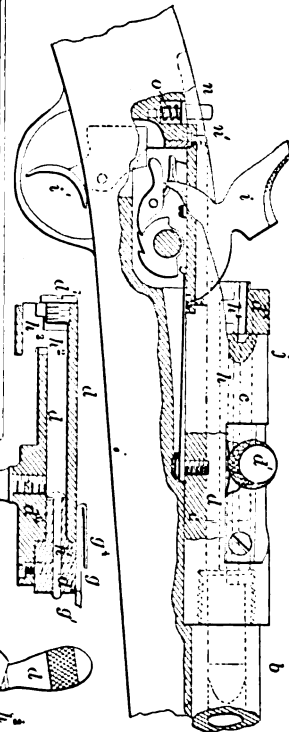
**86694—D. F. Rugg—*Lamp  
Burner.***



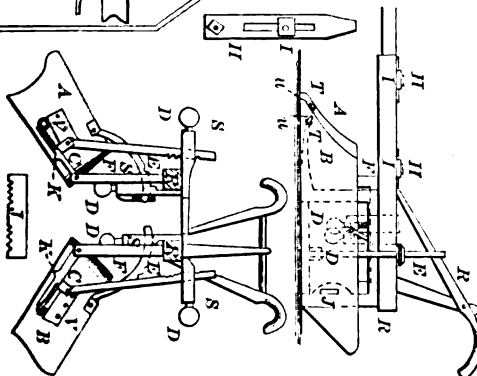
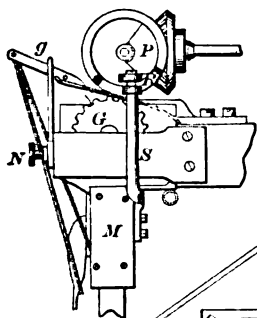
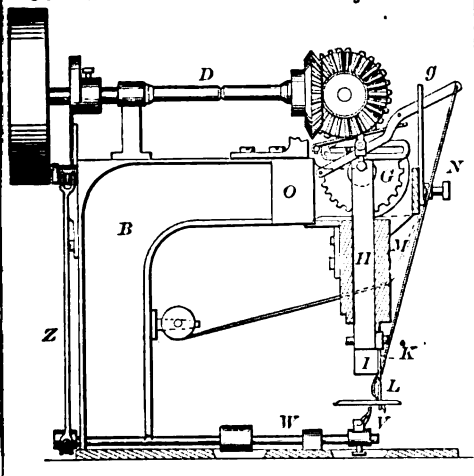
86693—J. A. C. Ruffner—*Carriage Axle.*



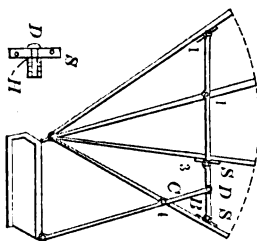
86600—S. Remington—Five Arm.



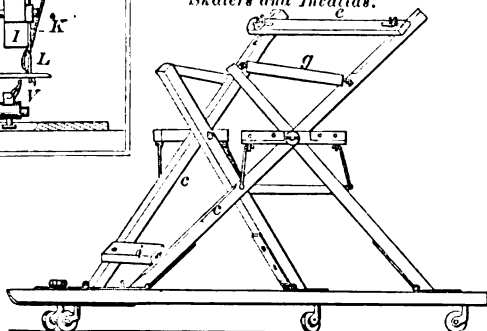
**86695**—W. W. Russell—*For Sewing Leather.*



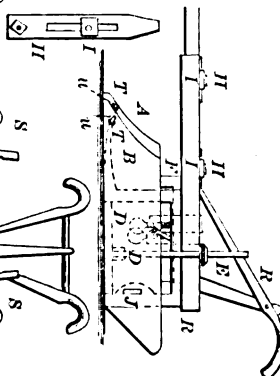
**86697**—Saladee & Bander—*Top Iron and Prop for Carriages.*



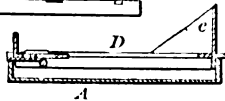
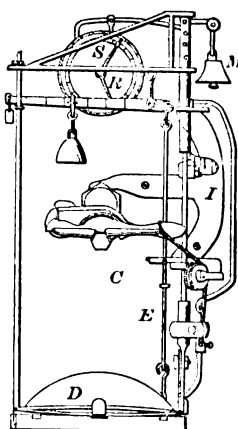
**86699**—P. I. Schopp—*For Supporting Skaters and Invalids.*



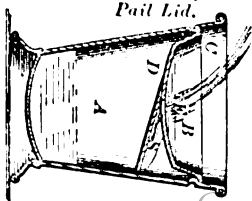
**86704**—J. S. Smith—*Cotton Scraper.*



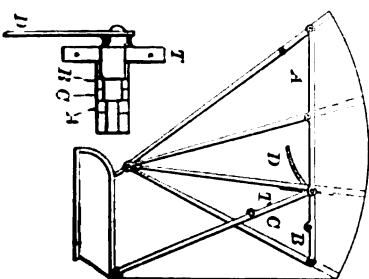
**86700**—R. W. Scott—*Liquid Measuring and Registering Funnel.*

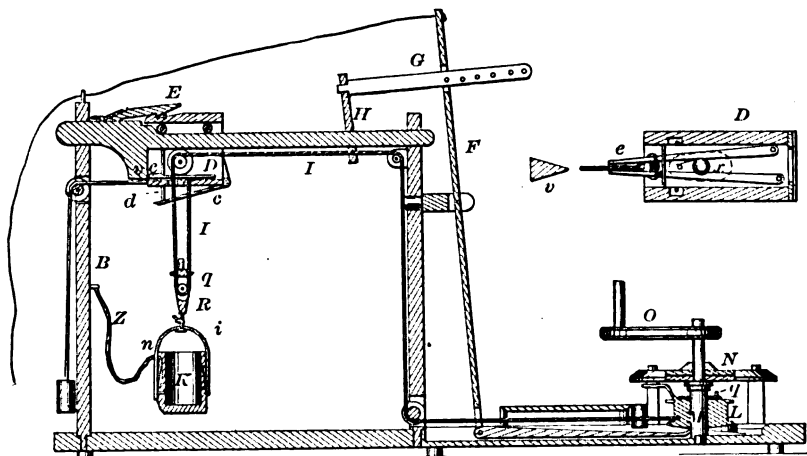
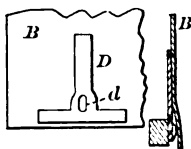
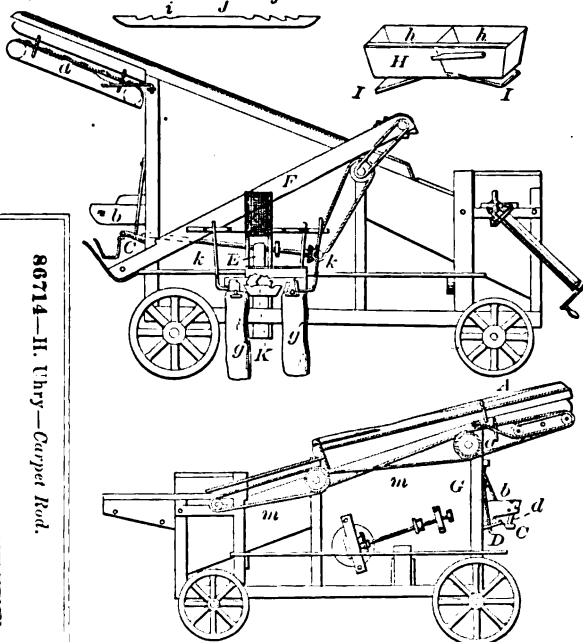
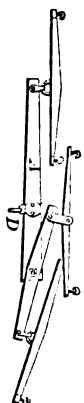
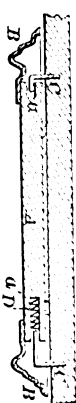
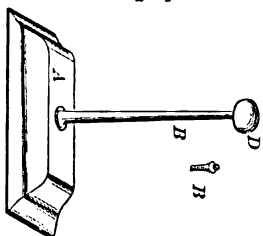
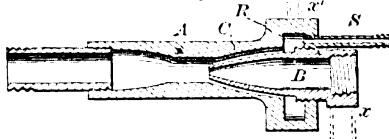
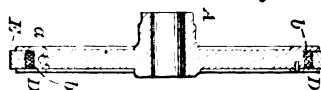


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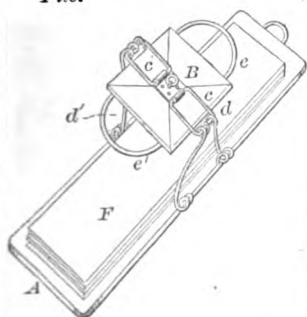


**86696**—Saladee & Bander—*Top Iron and Prop for Carriages.*

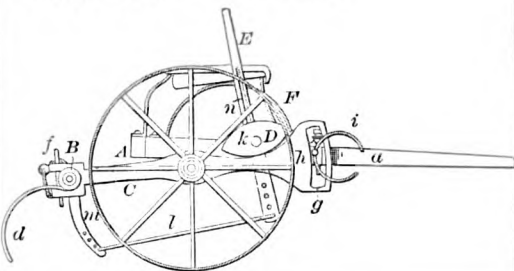


**86703—Shoemaker & Gearhart—Elevator.****86706—J. H. Spencer—Carriage Curtain.****86707—I. Starr—Threshing Machine.****86708—I. Starr—Draught Hydraulic.****86714—H. Vhry—Carpet Rod.****86711—A. M. Thorne—Fluting and Puffing Iron.****86705—Snowden & Lynn—Steam Water Elevator.****86709—C. S. Stearns—Carriage Wheel.**

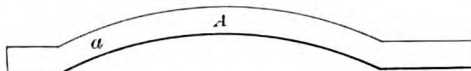
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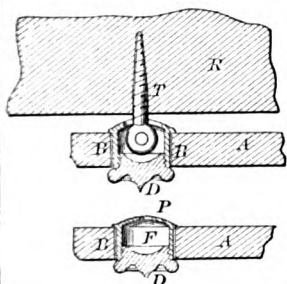
**86717**—M. N. Ward—*Horse Rake.*



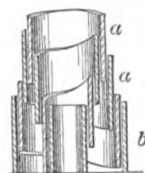
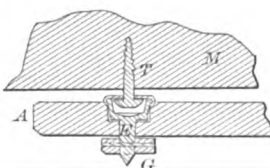
**86713**—S. Trent—*Volute Spring.*



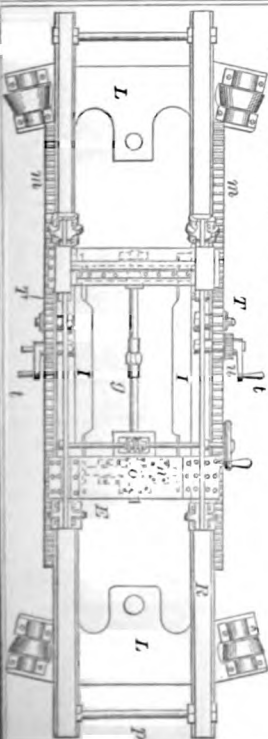
**86716**—H. Uhry—*Stair Rod.*



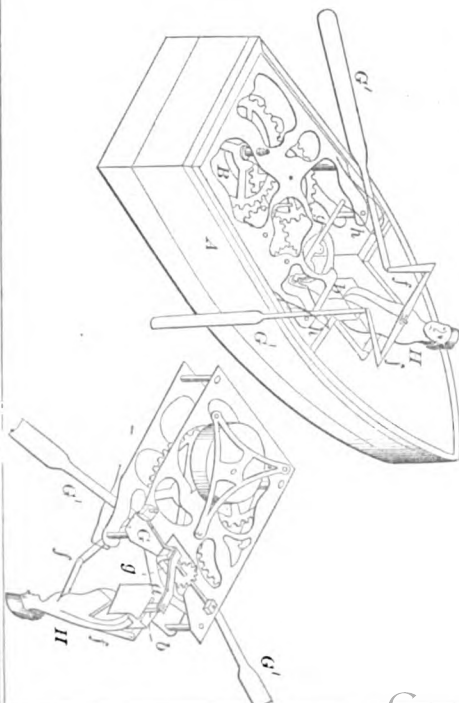
**86715**—H. Uhry—*Stair Rod.*

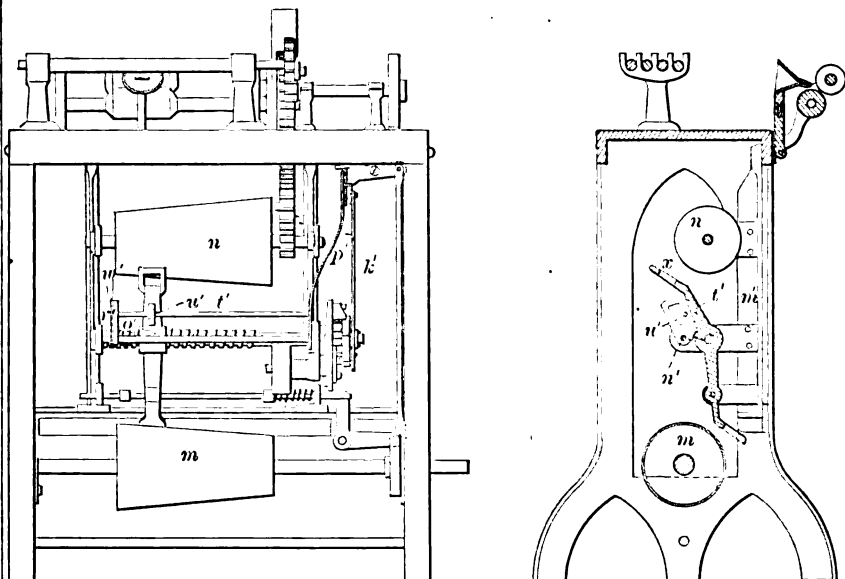
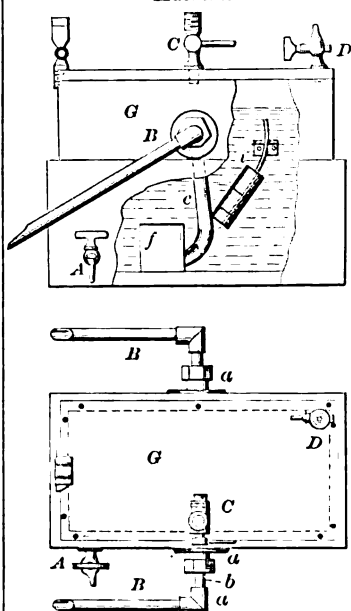
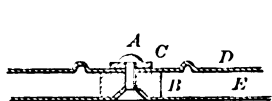
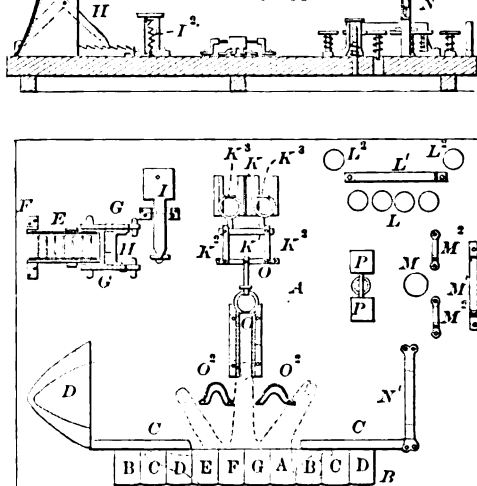
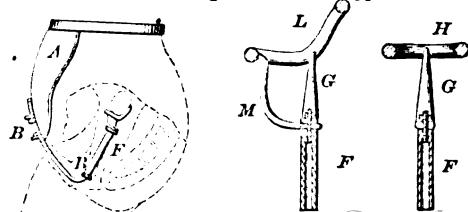


**86720**—G. R. Wilson—*Gun Carriage.*

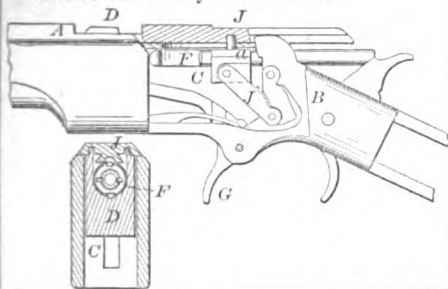


**86718**—N. S. Warner—*Toy Row Boat.*

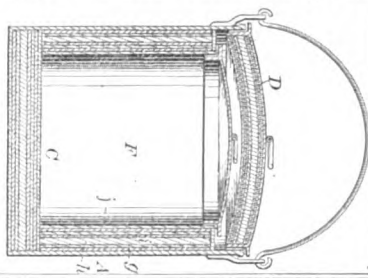


**86719**—S. J. Whitton—*Regulator for Drawing Frames.***86721**—J. Alcorn—*Bottle Filling Machine.***86720**—E. Bourne—*Rivet.***86722**—A. C. Armengol—*Finger Exercising Apparatus.***86725**—R. D. Bogert—*Uterine Supporter.*

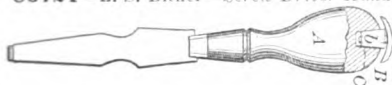
86723—S. G. Bayes—*Fire Arm.*



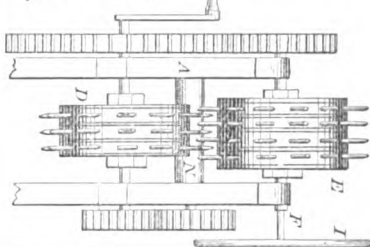
86727—J. C. Brain—*Heat Retaining Pail.*



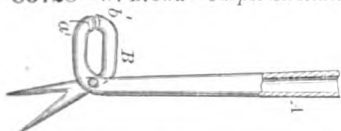
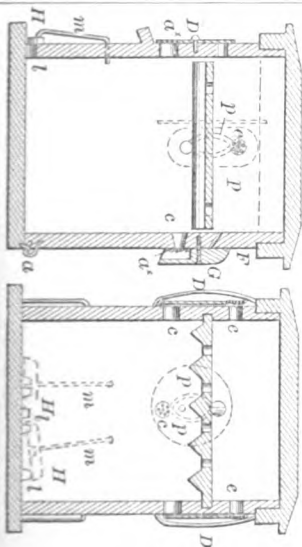
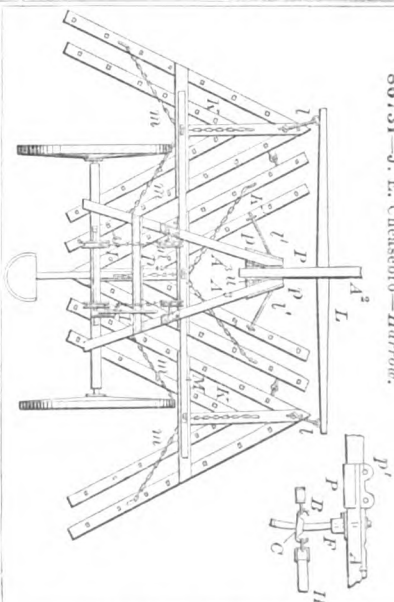
**86724**—E. S. Bitner—*Screw Driver Handle.*



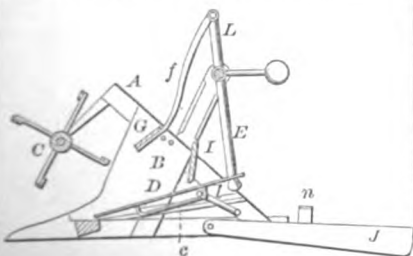
86734—D. A. Cole—*For Hackling Shucks  
for Mattresses.*



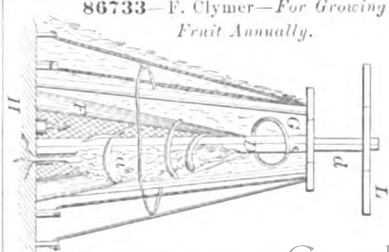
86728—W. Brown—*Carpet Stretcher.*

86729—R. P. Buttes—*Beehive*.86731—J. E. Chensebro—*Harrois*.

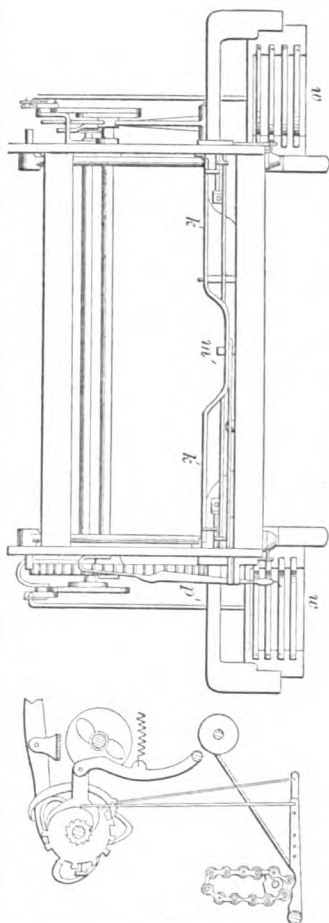
86730—J. Case—*Harvester Dropper.*



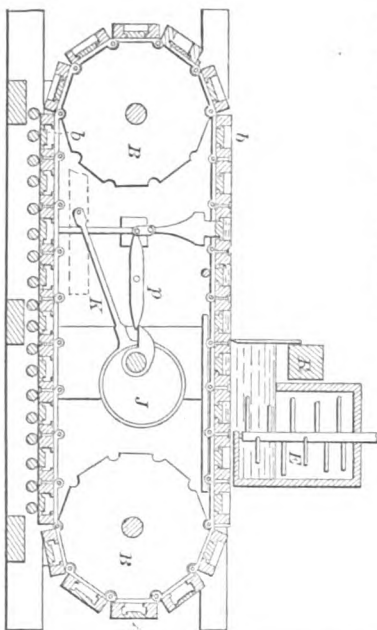
86733—F. Clymer—*For Growing Fruit Annually.*



86735—G. Crompton—Stopping Mechanism for Looms.



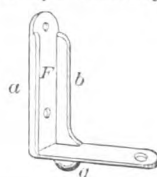
86732—P. Clark—Brick Machine.



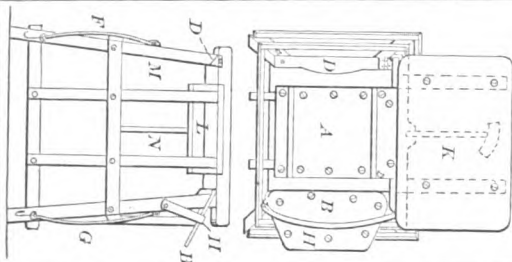
86738—W. Denovan—Velocipede.



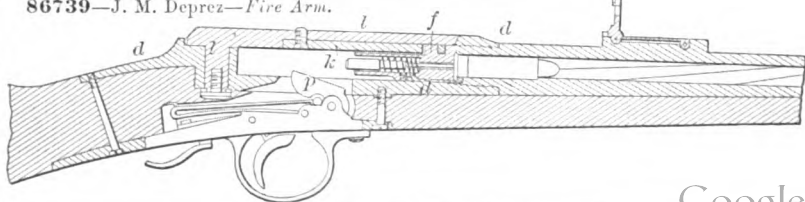
86742—F. Fischbeck—Shield for Traveling Bags.



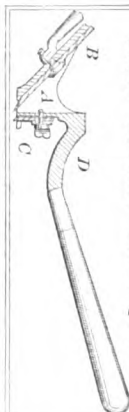
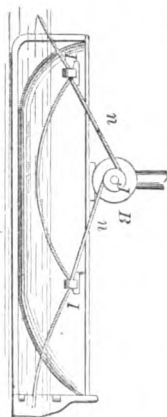
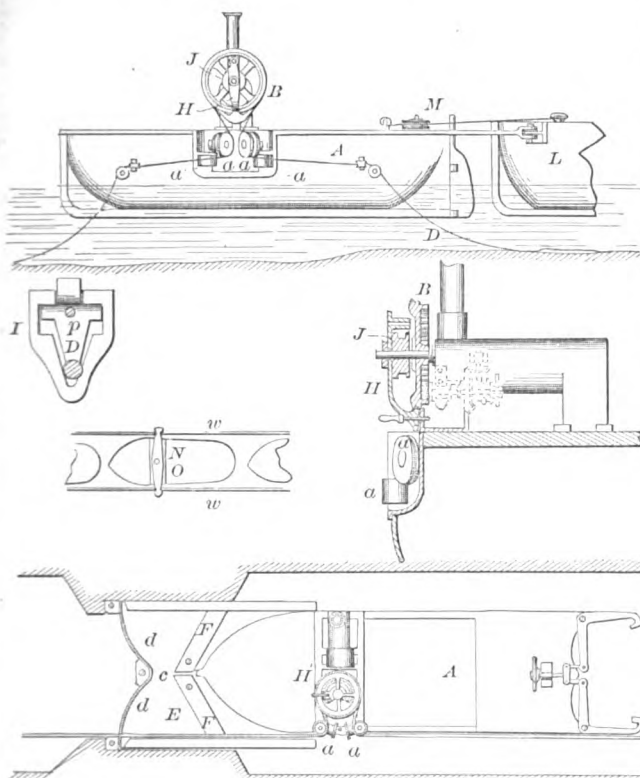
86736—J. E. Daniels—Sharp Shearing Table.



86739—J. M. Deprez—Fire Arm.

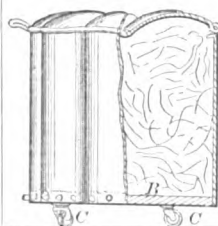
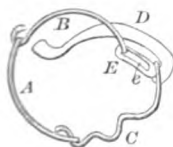


**86737**—Mesnil & Eyth—*Propelling Vessels on Canals.*



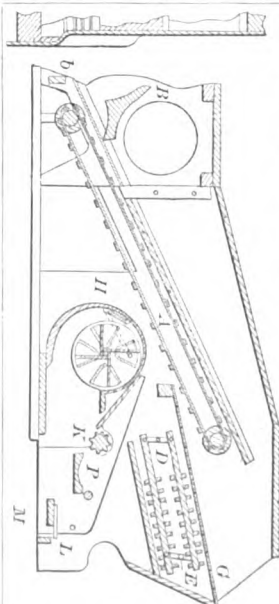
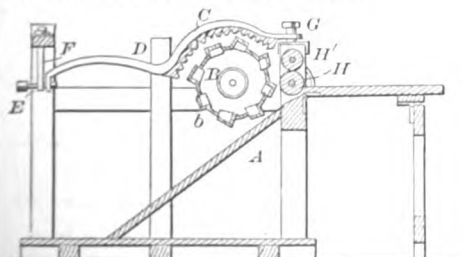
**86741**—W. Dutton—*Box Scraper.*

**86745**—L. H. Gano—*Bag Tie.*



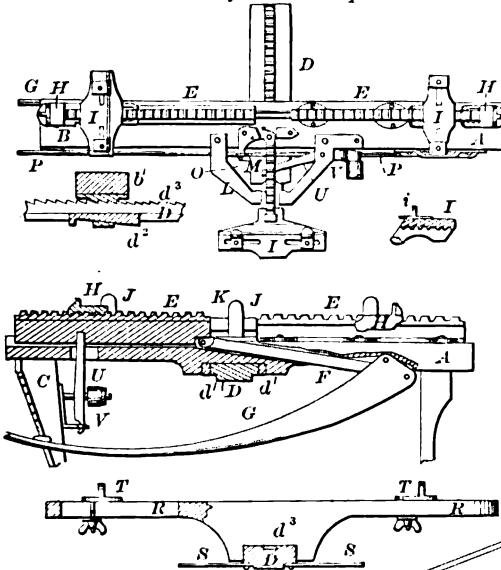
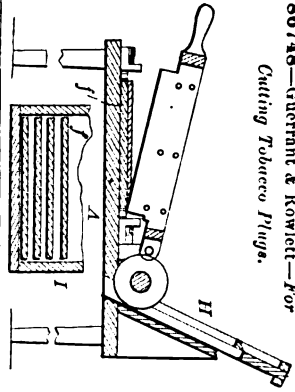
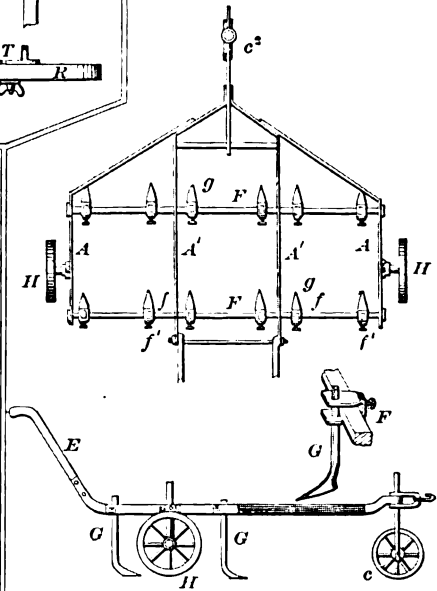
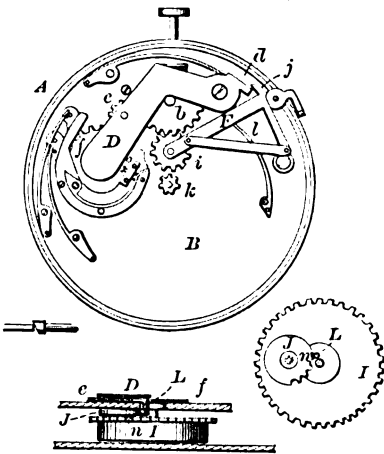
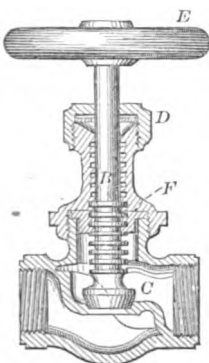
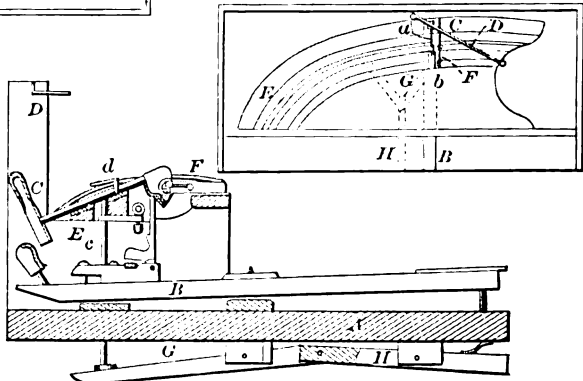
**86744**—A. O. & E. G. Gaudard—*Ottoman.*

**86743**—M. Fuos—*Threshing Machine.*

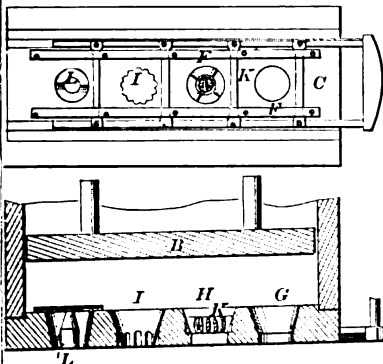


**86746**—Garver & Birkle—*Threshing Machine.*

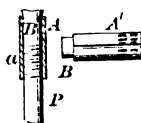


**86740—E. F. Dunaway—Sash Clamp.****86748—Guerrant & Rowlett—For  
Cutting Tobacco Plugs.****86750—T. Hicks—Cultivator.****86751—V. Himmer—Watch.****86747—J. Greener—Piano Forte.****86749—H. H. Hendrick—Globe Valve.**

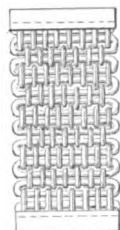
**86752**—D. M. Holmes—*Cake Machine.*



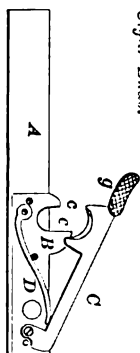
**86753**—G. L. Holt—*Attaching Erasers to Pencils.*



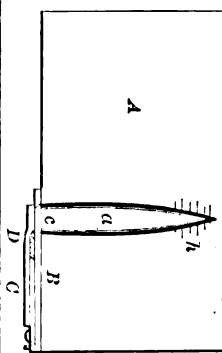
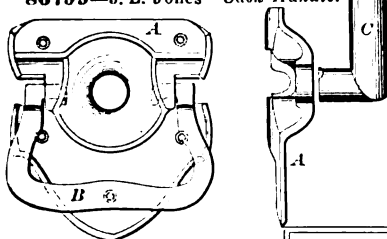
**86755**—G. & D. Hurn—*Machine Belting.*



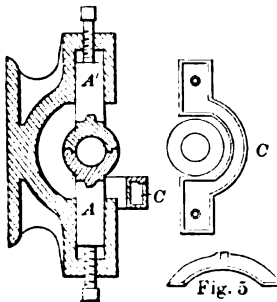
**86764**—P. A. La France—*For Trimming Cigar Ends.*



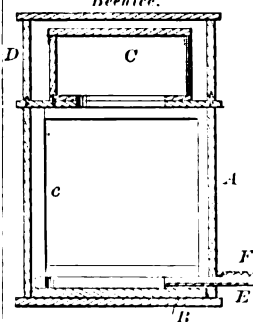
**86759**—J. L. Jones—*Cask Handle.*



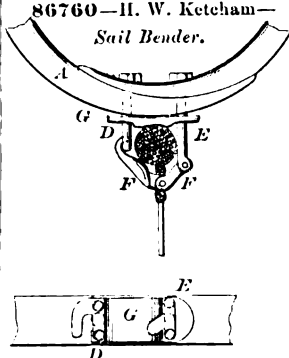
**86761**—C. C. Klein—*Oil Cup.*



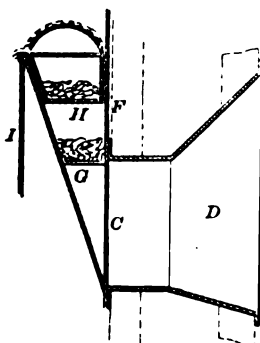
**86765**—A. S. Layton—*Reefer.*



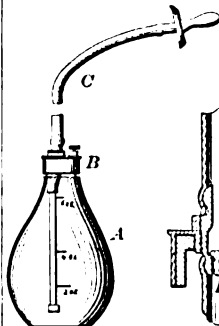
**86760**—H. W. Ketcham—*Sail Bender.*



**86766**—J. Lesperance—*Railroad Car Ventilator.*



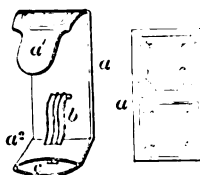
**86762**—A. M. Knapp—*Nursing Bottle.*

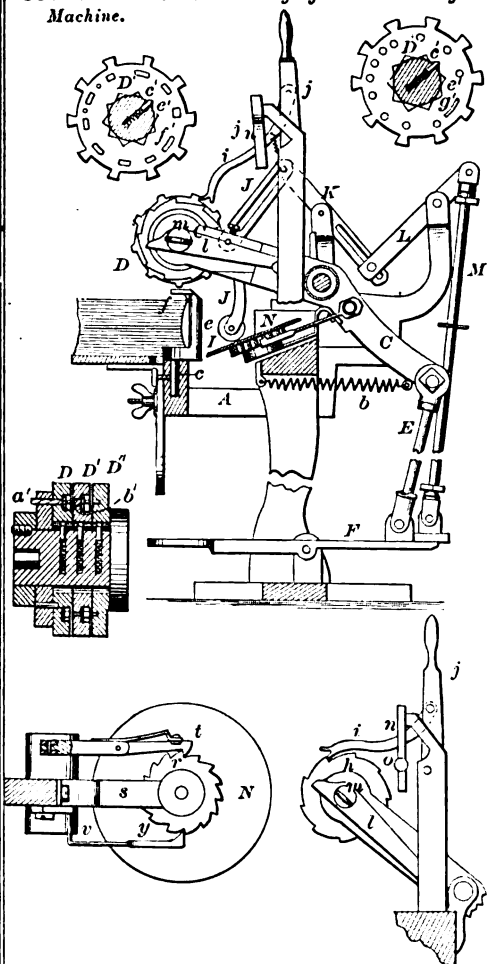
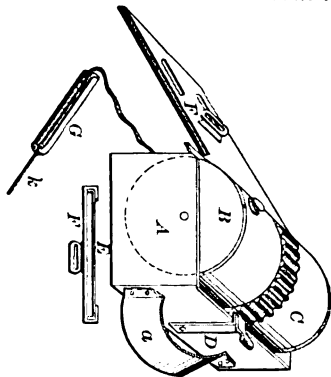
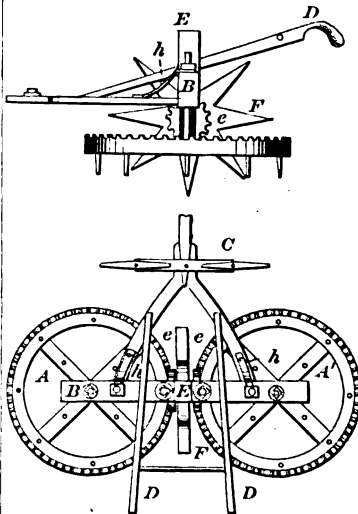
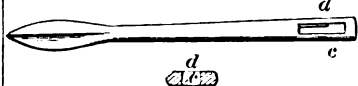
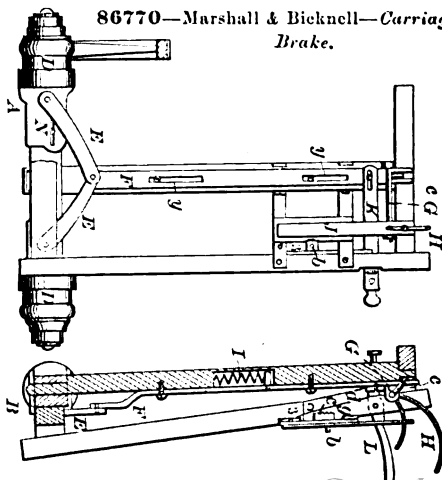
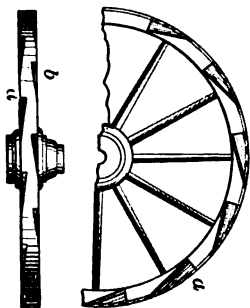


**86756**—J. V. Hutschler—*Hames Fastener.*

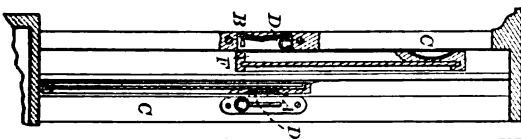


**86757**—C. B. James—*Needle Wrapper.*

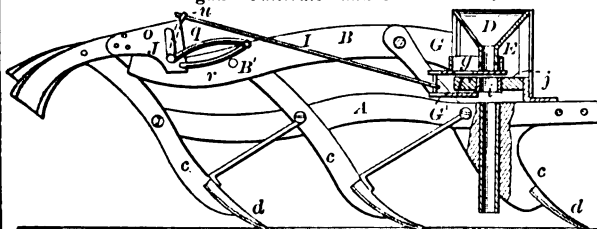


**86763**—Koch & Schüle—*Paging and Numbering Machine.***86767**—J. W. Lowe—*Fire Kindler.***86768**—Lubolt & Trout—*Harrow.***86769**—W. H. Marriott—*Needle.***86770**—Marshall & Bicknell—*Carriage Brake.***86772**—W. S. Mayo—*Carriage Wheel.*

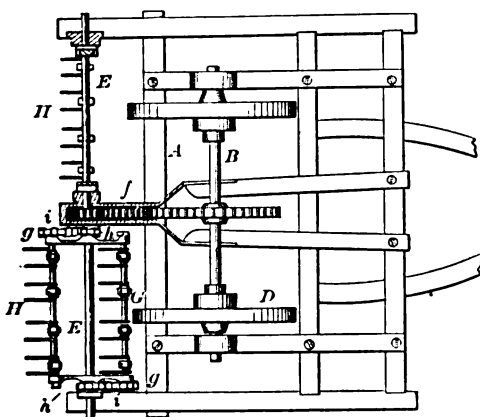
86773—W. L. McKibbin—Sash Lock.



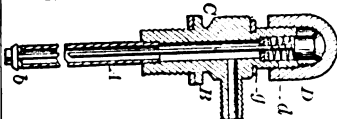
86776—D. B. Morgan—Cultivator and Seed Planter.



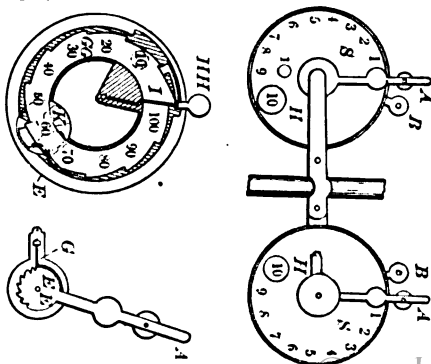
86777—M. D. Myers—Hay Spreader.



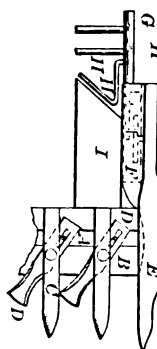
86782—Schnackenberg & Rosenkranz—Soda Fountain.



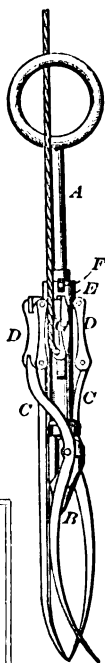
86781—E. Schellhorn—Game Counter.



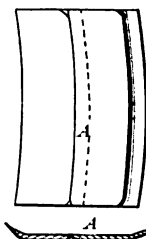
86774—W. Michael—Harvester.



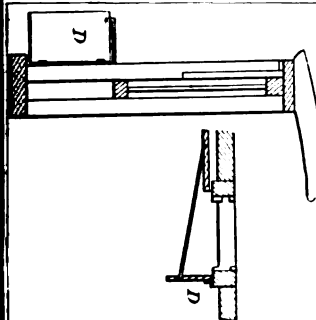
86775—S. Miller—Horse Hay Fork.



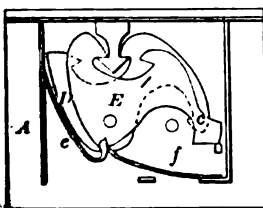
86779—S. C. Phinney—For Boot and Shoe Corners.

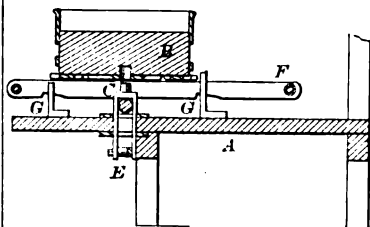
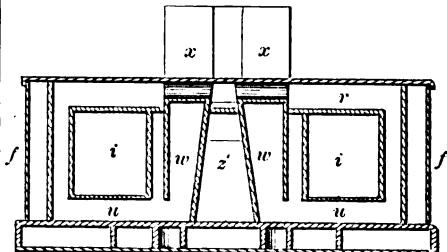
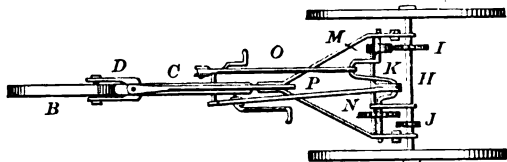
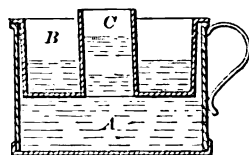
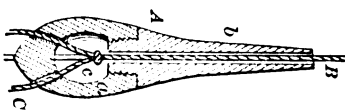
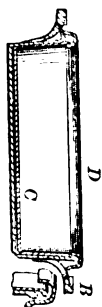
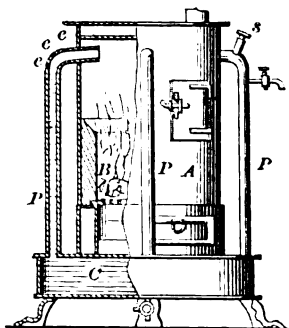
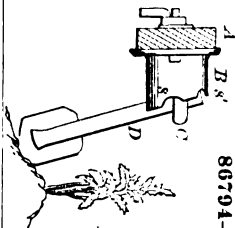
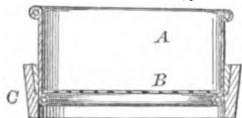
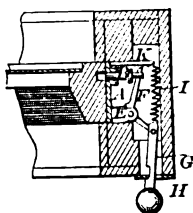
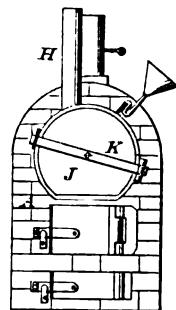
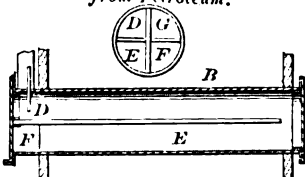


86780—Russell & Holmes—Railroad Car Ventilator.

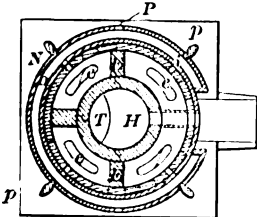
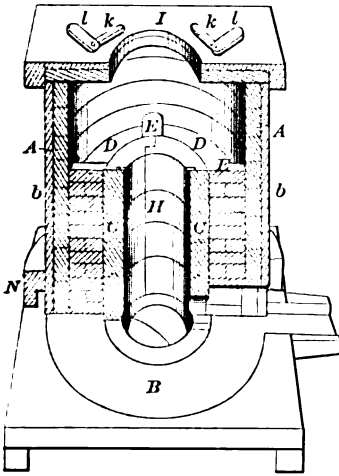


86778—J. Nock—Trunk Lock.

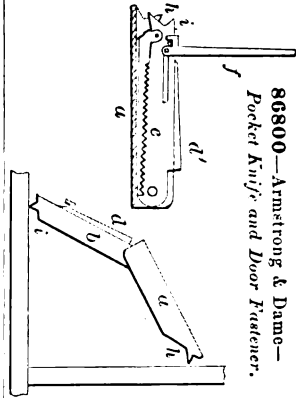
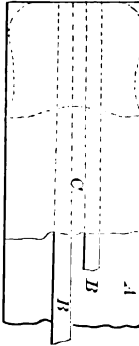


**86783**—F. G. Siemers—*Meat Chopper.***86785**—W. Steffe—*Cooking Range.***86787**—Thompson & Marden—*Velocipede.***86788**—J. Tinney—*Glue Pot.***86786**—F. Tellgmann—*Fishing Tackle.***86790**—A. A. Wheelock—*Railroad Car Store.***86791**—H. C. Wilcox—*Baking Dish.***86794**—G. W. Zeigler—*Cultivator.***86789**—Ward & Hudson—*Moulders' Riddle.***86792**—T. O. Wilson—*Sash Fastener.***86793**—G. W. Wren—*For Gas from Petroleum.*

86795—J. Absterdam—Furnace.

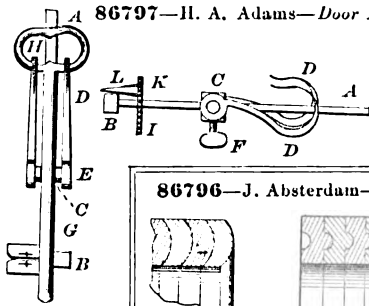


86798—R. Allison—Saddle Cloth.

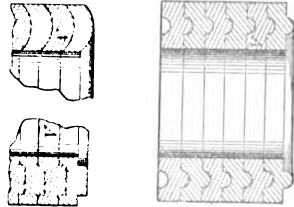


86800—Armstrong & Dame—  
Pocket Knife and Door Fastener.

86797—H. A. Adams—Door Key Guard.



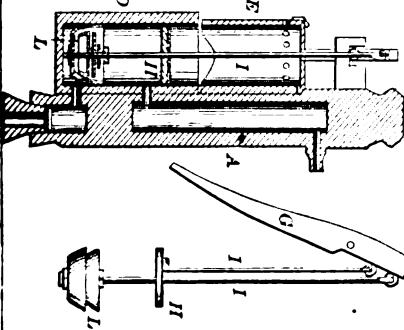
86796—J. Absterdam—Furnace.



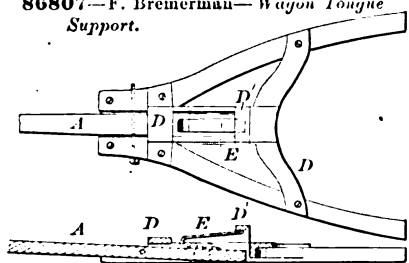
86802—W. Baxter—Handle for Taps,  
Augers and Drills.



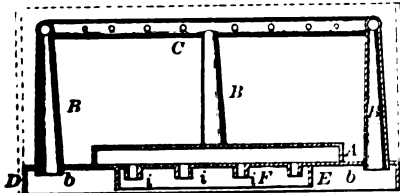
86804—J. Bean—Pump.



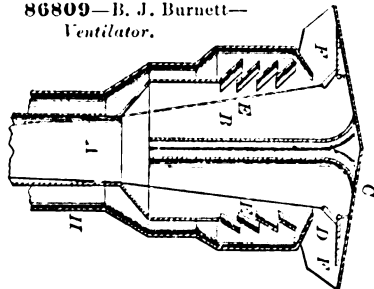
86807—F. Bremerman—Wagon Tongue  
Support.



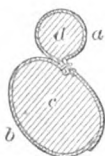
86803—G. Bantz—For Extracting Essences.



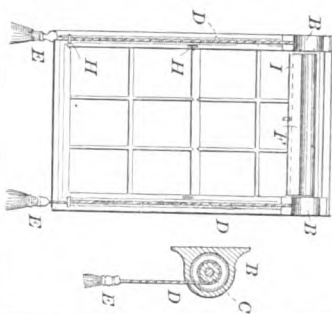
86809—B. J. Barnett—  
Ventilator.



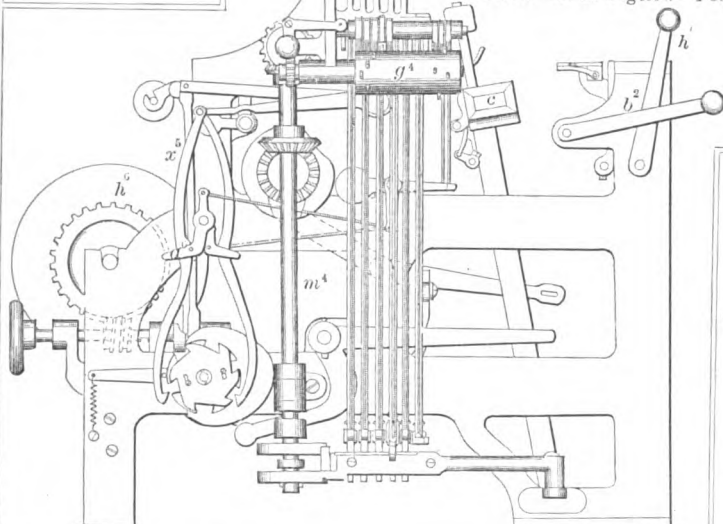
86812—J. Cogan—  
Horse Collar.



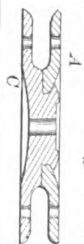
86810—R. Cassaday—Curtain Fixture.



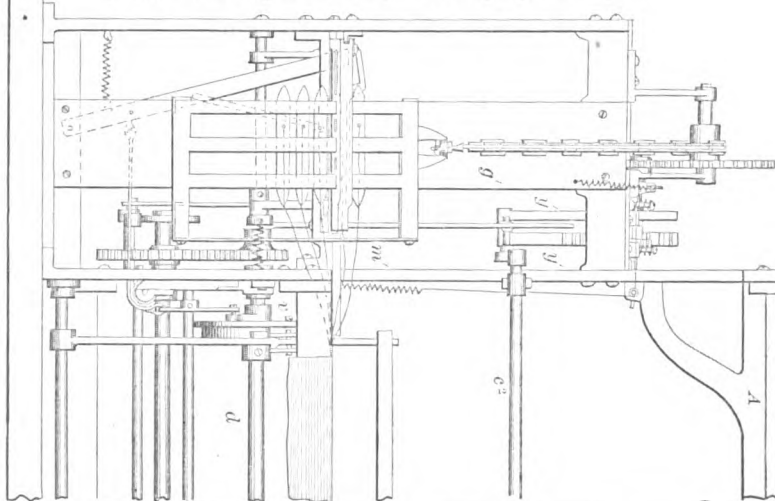
86805—E. B. Bigelow—Power Loom.



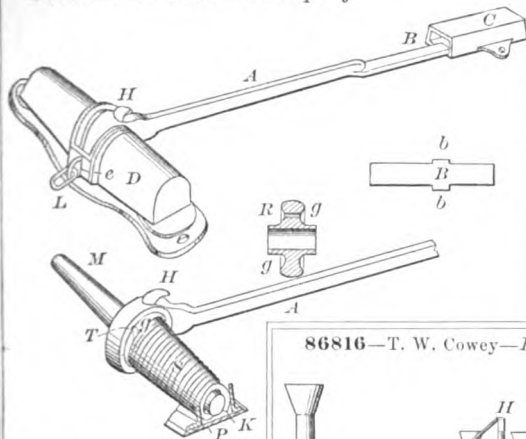
86811—J. B. Clark—Whiffletree Plate.



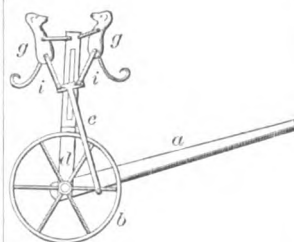
86806—E. B. Bigelow—Loom for Weaving Ingrain Carpets.



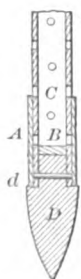
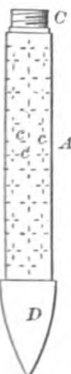
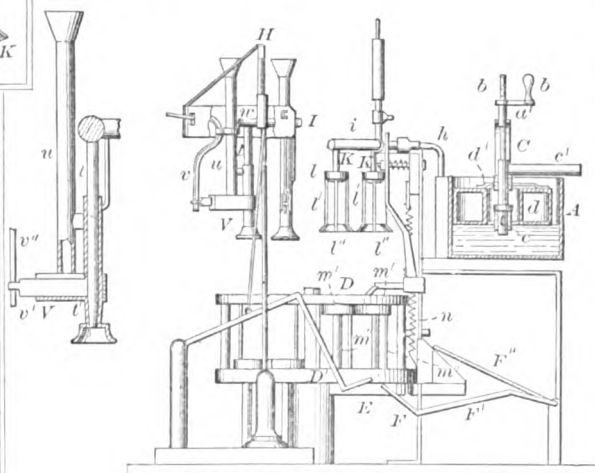
86815—J. M. Connel—Door Spring.



86814—J. & A. Condell—Toy.

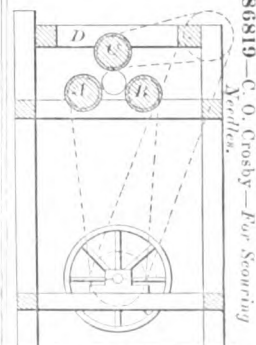
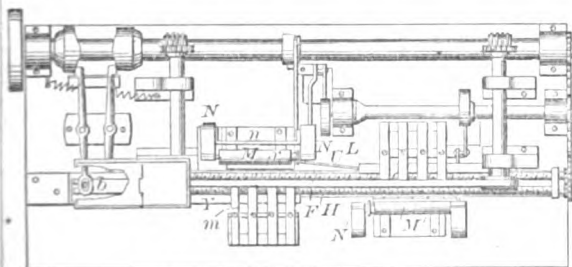


86816—T. W. Cowey—Bottle Filler and Corker.

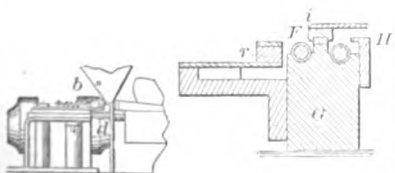


86821—D. A. Danforth—Well Tube.

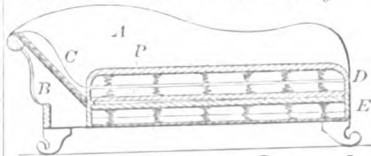
86817—C. O. Crosby—Polishing Needles.



86819—C. O. Crosby—For Scouring Needles.

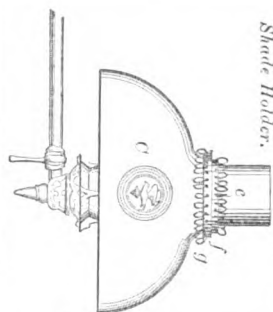


86820—Curtiss & Hendee—Lounge.





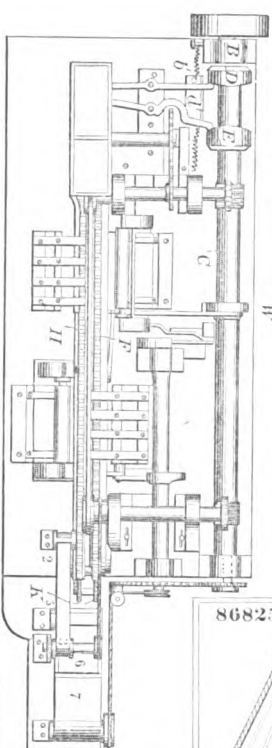
86821—Diamond & Doolittle—  
*Shade Holder.*



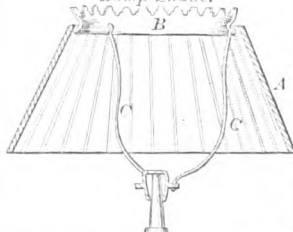
86822—E. S. Dawson—*Trace Buckle.*



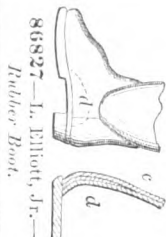
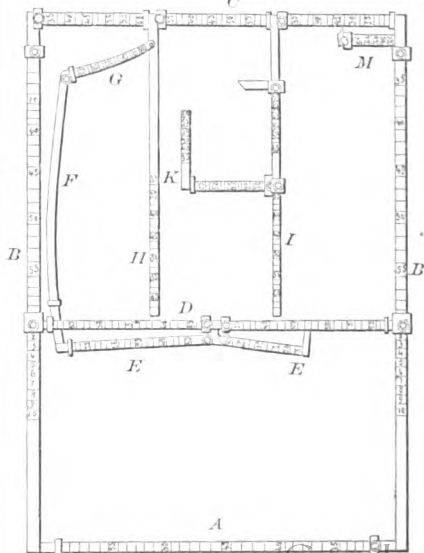
86818—C. O. Crosby—*Polishing Needles.*



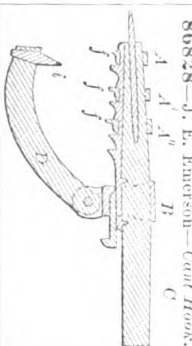
86825—Diamond & Doolittle—  
*Lamp Shade.*



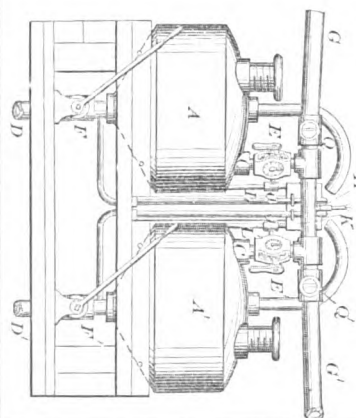
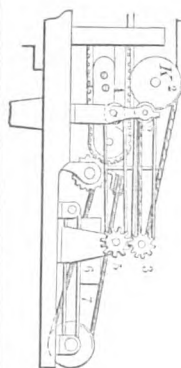
86829—A. H. Flores—*Scale for Tailors' Use.*



86827—L. Elliott, Jr.—  
*Rubber Boot.*

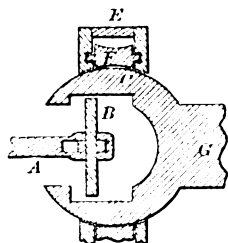
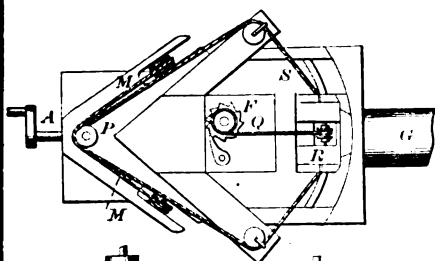


86828—J. E. Emerson—*Coat Hook.*



86823—G. W. Devoe—*Liquid Meter.*

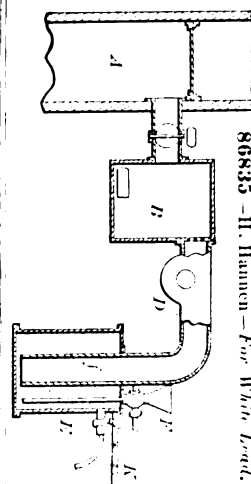
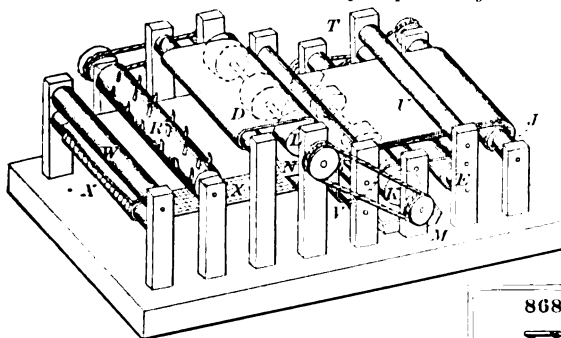
**86826**—A. Duvall—*Mechanical Movement.*



**86832**—B. D. Goffrey—*Hoof and Shoe Nail.*

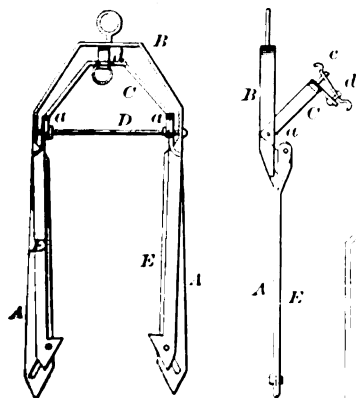


**86830**—Foster & Dill—*For Making Carpet Lining.*

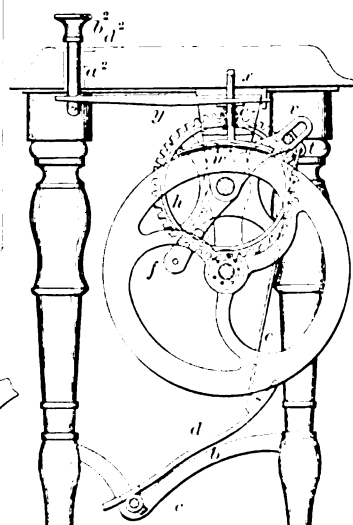


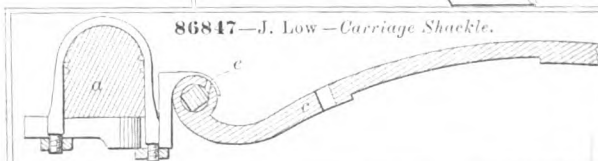
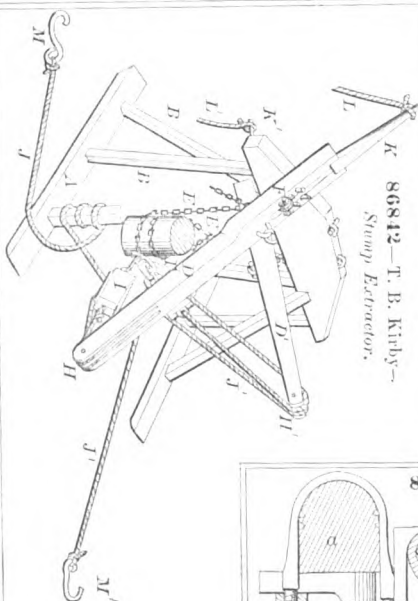
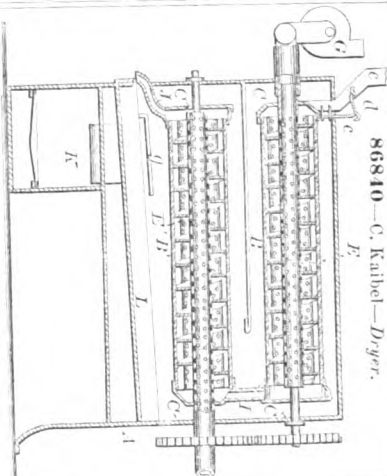
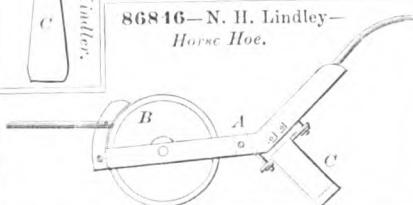
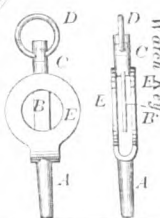
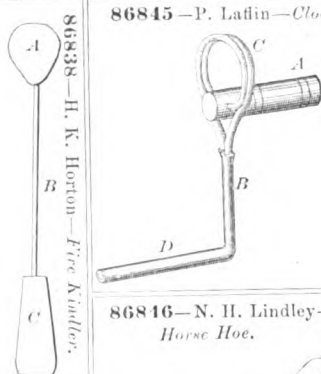
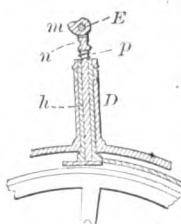
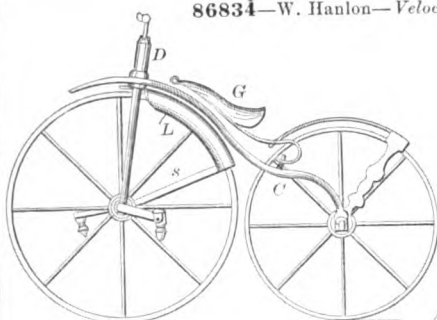
**86835**—H. Hansen—*For White Lead.*

**86831**—G. D. S. Gochnauer—*Horse Hay Fork.*

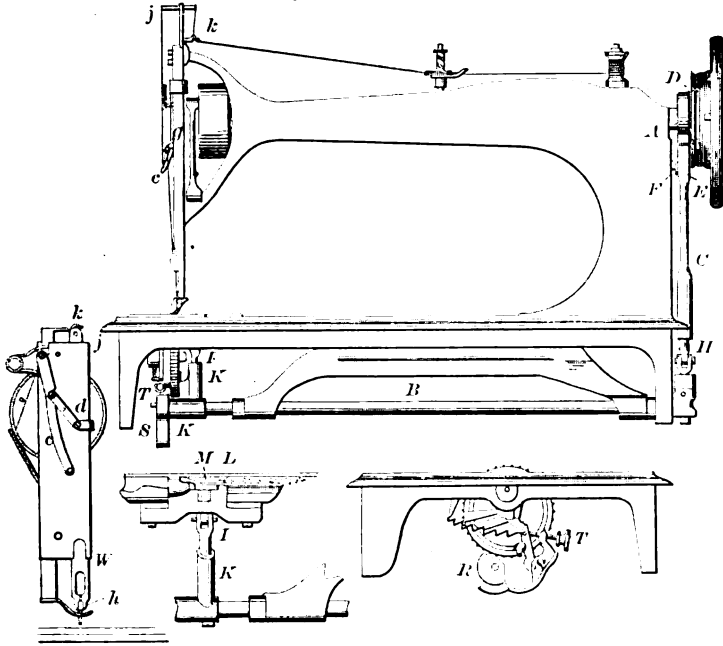


**86833**—W. S. Hall—*Treadle.*

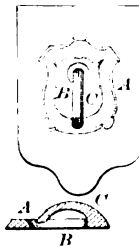
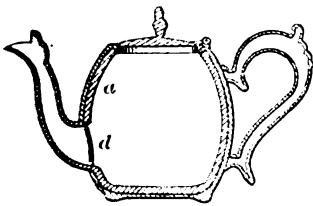




86848—T. A. Macaulay—Sewing Machine.

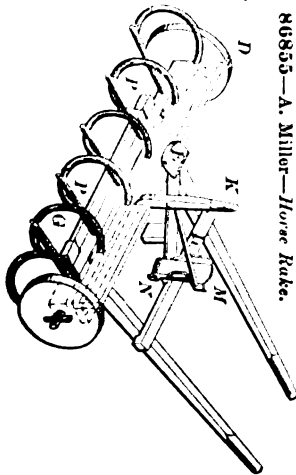
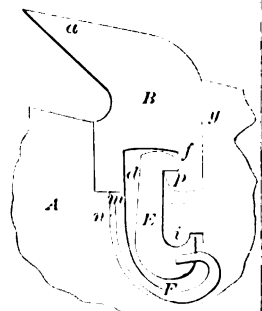


86849—E. B. Manning—Tea Pot.

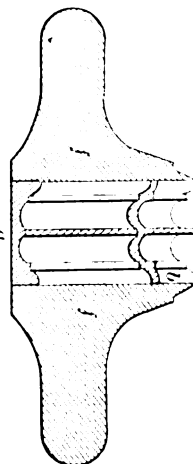


86852—W. Mckerhnan—Back Band Hook.

86850—G. Maulick—Saw.

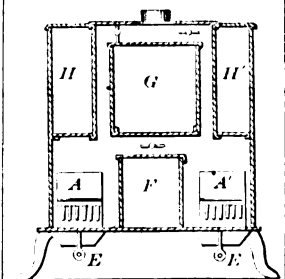


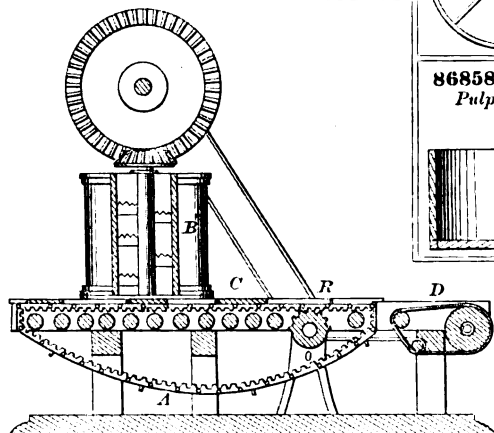
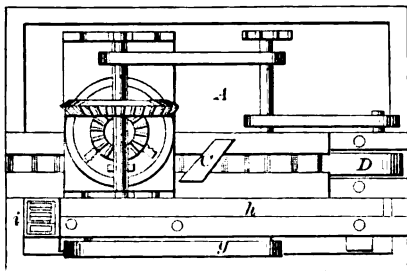
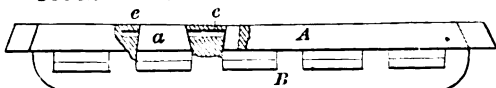
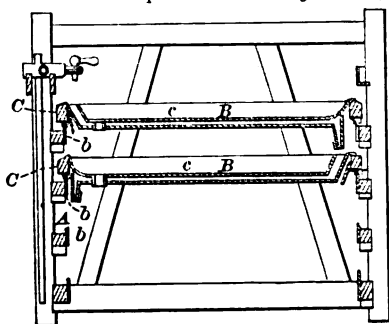
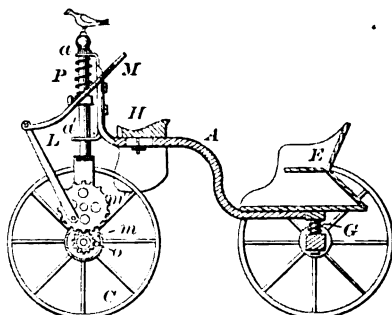
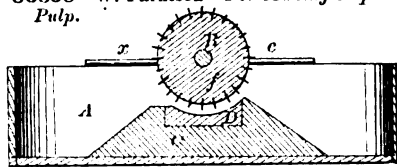
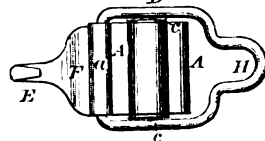
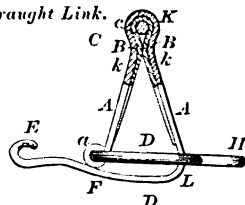
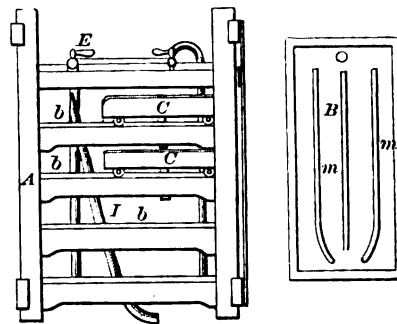
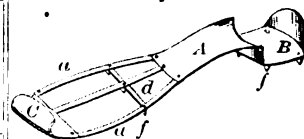
86853—A. Miller—Horse Rake.

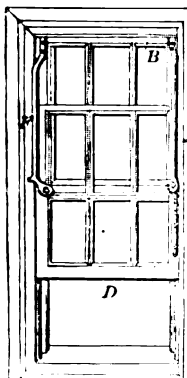


86851—A. W. Maxwell—Molding Plate.

86854—M. Mellinger—Stove.

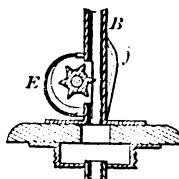
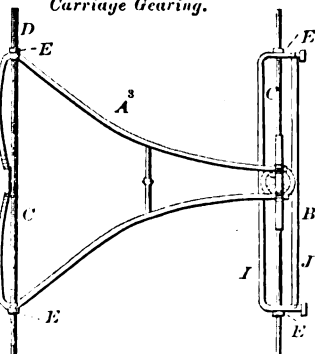


**86853—J. McManus—Brick Machine.****86861—A. D. Puffer—Beer Faucet.****86864—C. E. Richards—Jewelry, &c.****86862—W. Randall—Grate Bar.****86860—A. Pope—For Obtaining Cream from Milk.****86856—J. Monroe—Velocipede.****86858—W. Parkison—For Making Paper Pulp.****86863—B. Richards—Draught Link.****86857—H. Myer—Boot Calk.**

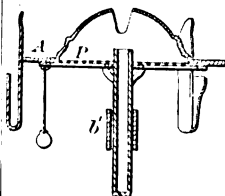


86865—R. Roy—*Sub-Mercur and Pistons.*

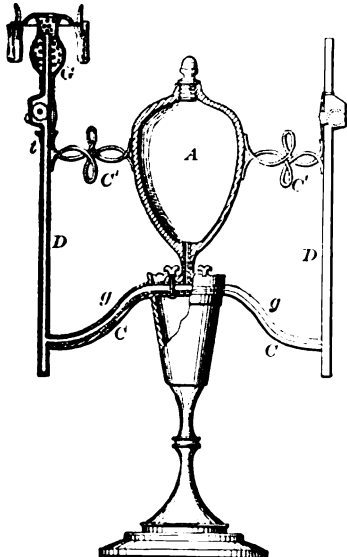
86866—C. W. Saladee—*Carriage Gearing.*



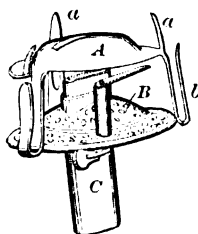
86869—J. F. Sanford—*Lamp Burner.*



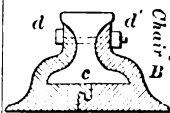
86867—J. F. Sanford—*Lamp.*



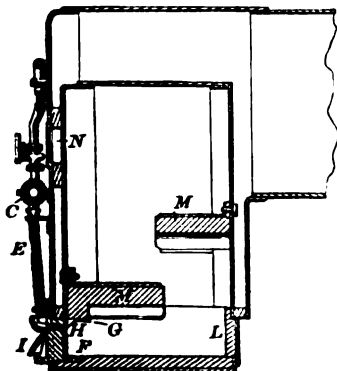
86868—J. F. Sanford—*Lamp Wick Trimmer.*



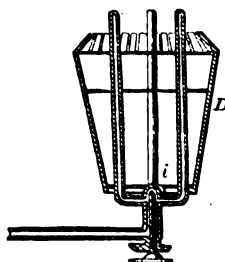
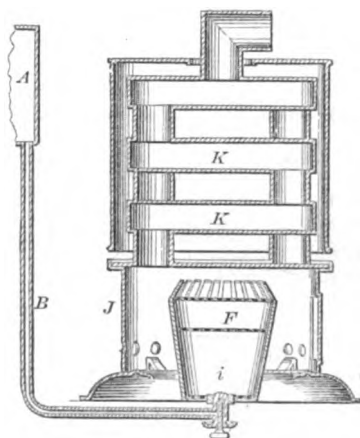
86874—O. L. Shepherd—*Railway Nail Chair.*



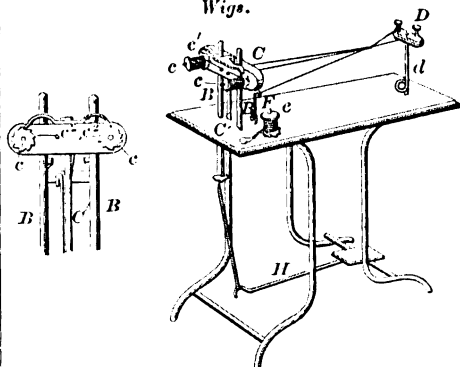
86871—C. Sauvage—*Hydro-Carbon Burner.*



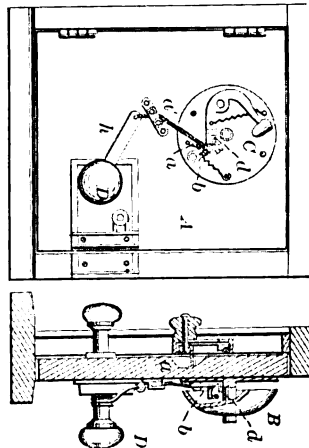
86870—H. S. Saroni—*Vapor Burner.*



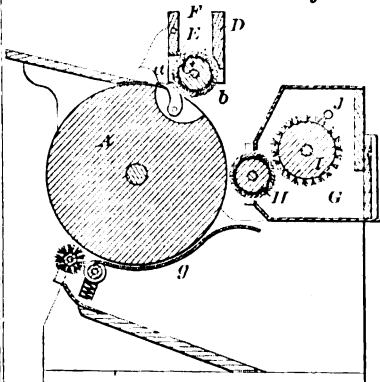
**86872—L. A. Seago—For Weaving Hair for Wigs.**



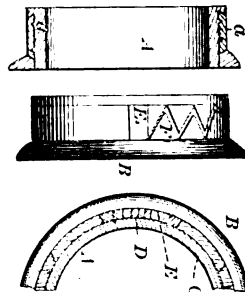
**86876—C. A. Slack—Alarm Bell.**



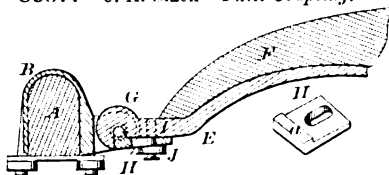
**86875—H. Skidmore—Bronzing Machine.**



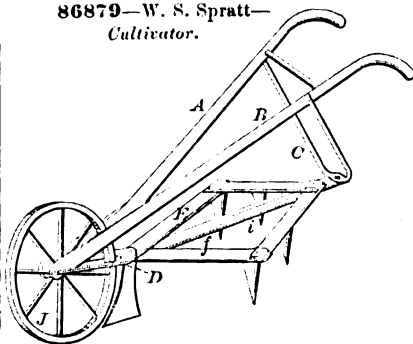
**86878—J. Y. Smith—Car Wheel.**



**86877—C. A. Slack—Thill Coupling.**



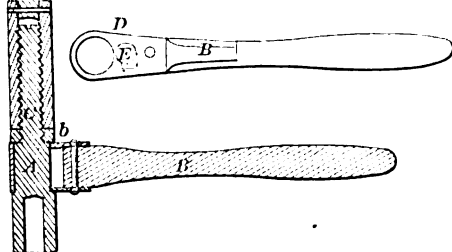
**86879—W. S. Spratt—Cultivator.**



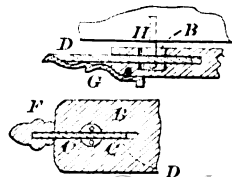
**86882—J. C. Thompson—Horn Tip for Cattle.**



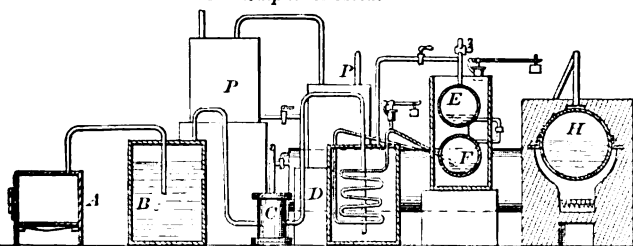
**86880—E. A. Stockton—Drill Stock.**



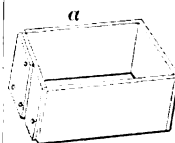
**86884—H. Uhry—Stair Rod.**



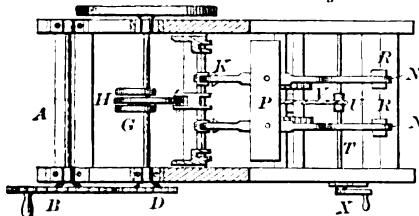
**86881—A. H. Tait—For Sulphuric Acid.**



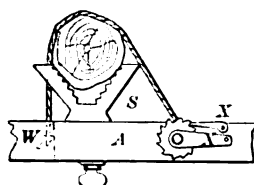
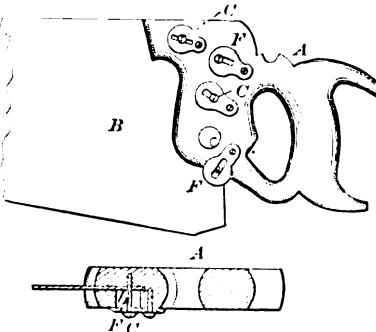
**86886—J. Vincent—Fruit Box.**



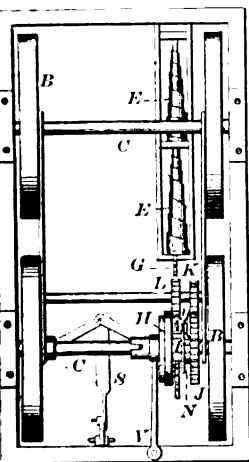
**86883—A. W. Townshend—Sawing Machine.**



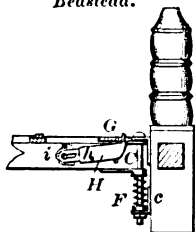
**86889—J. Wallwork—Saw Handle.**



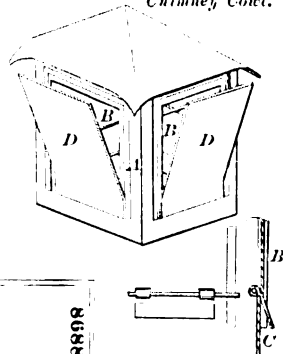
**86895—A. B. Vandemark—Car Brake and Starter.**



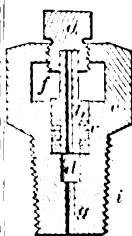
**86892—D. Witt—Bedstead.**



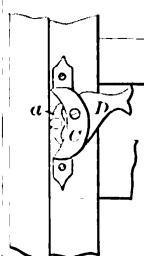
**86891—Whiting & Whittemore—Chimney Coal.**



**86890—Weaver & Allen—Vent Plug.**



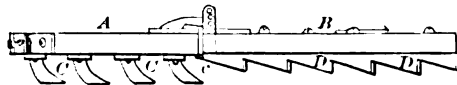
**86887—F. Walker—Shoe Holder.**



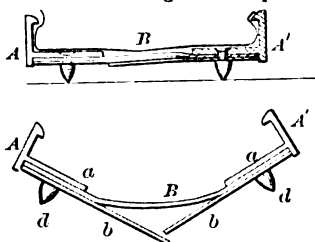
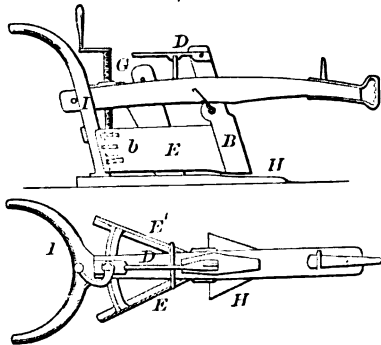
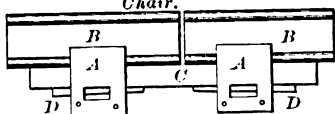
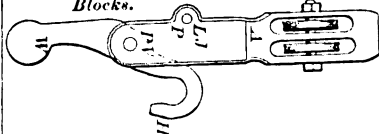
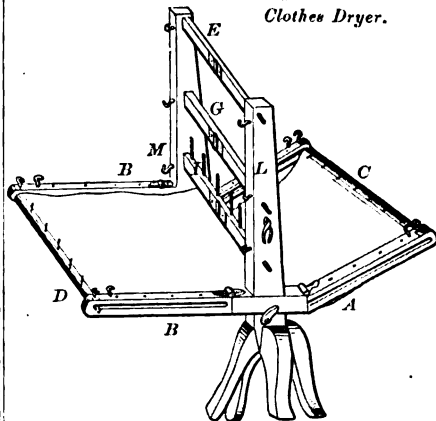
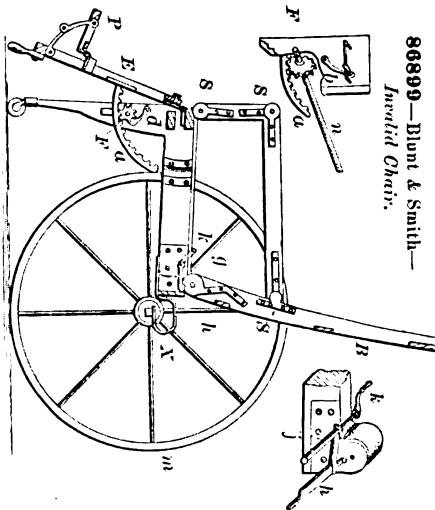
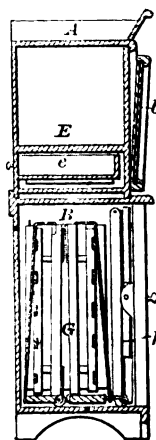
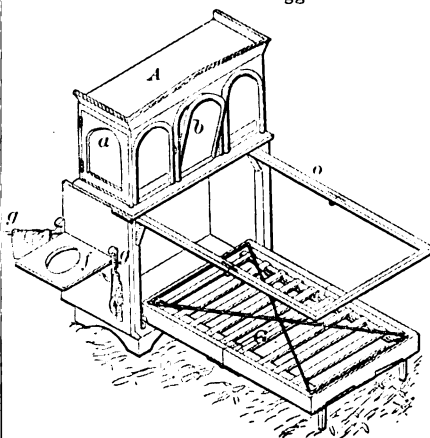
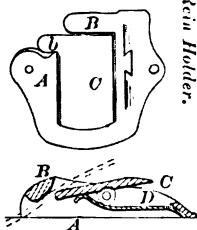
**86888—F. Walker—Clothes Pin.**



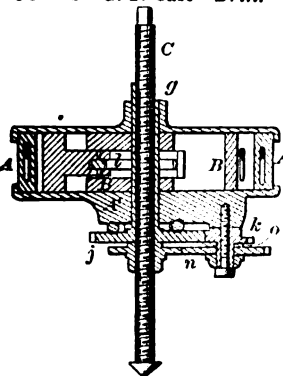
**86893—D. Witt—Breaker and Leveler.**



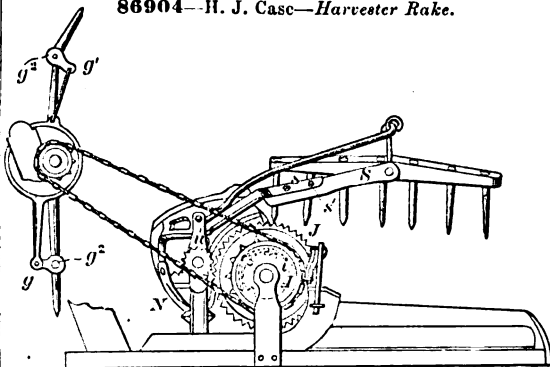


**86894**—D. Cumming—*Ice Creeper.***86896**—J. Bader, Sr.—*Plow.***86897**—H. L. Beach—*Railway Rail Chair.***86902**—W. Carter—*Hook for Tackle Blocks.***86895**—J. G. Ishler—*Quilting Frame and Clothes Dryer.***86899**—Blunt & Smith—*Inverted Chair.***86901**—E. E. & M. G. Briggs—*Bedstead.***86900**—Boon & Mills—*Rein Holder.*

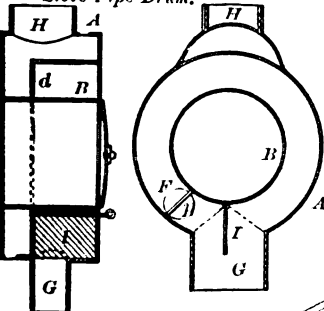
**86903—G. F. Case—Drill.**



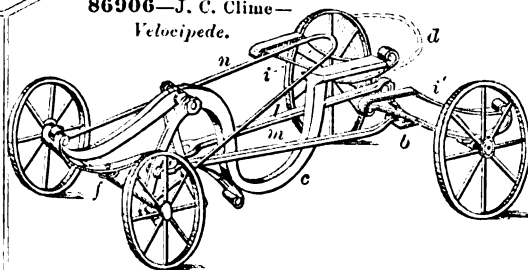
**86904**—H. J. Case—*Harvester Rake.*



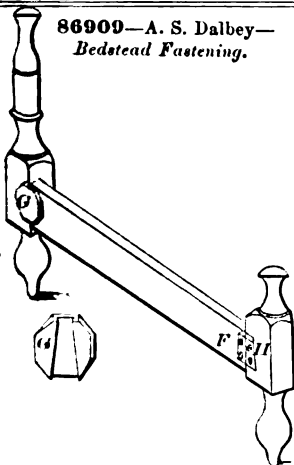
**86907—J. W. Clough—Oven and Store Pipe Drum.**



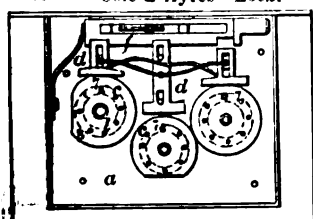
**86906—J. C. Clime—**  
*Velocipede.*



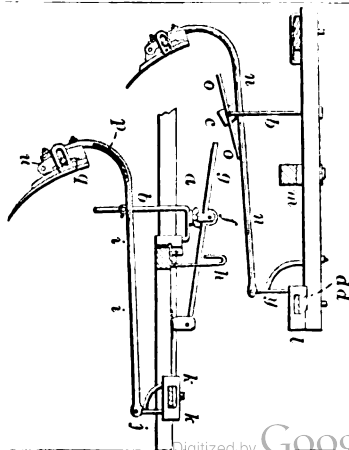
**86909—A. S. Dalbey—  
Bedstead Fastening.**

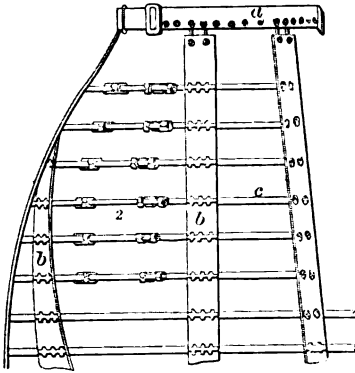
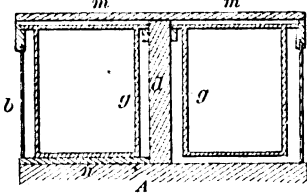
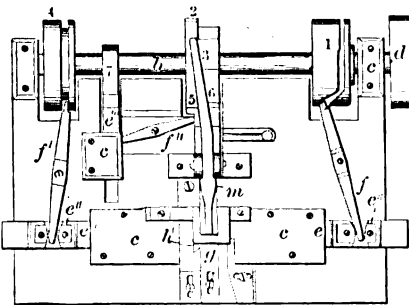
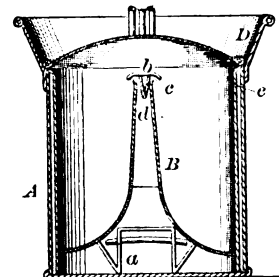
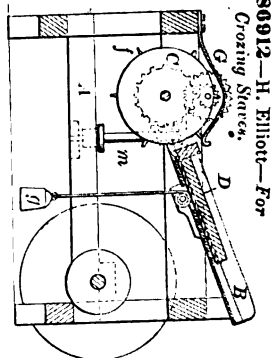
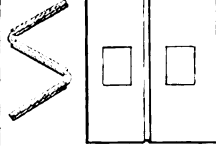
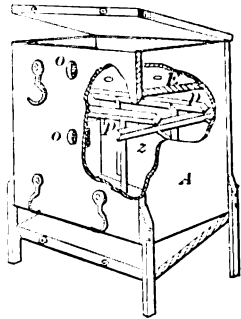
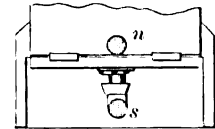
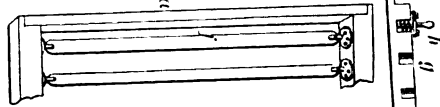


**86908—Cole & Ayres—Lock.**



86905—M. & J. Caywood—*Cultivator*.



**86910**—T. D. Day—*Hoop Skirt.***86913**—G. J. Flansburgh—*Beehive.***86914**—G. H. Fuller—*Nut Machine.***86918**—J. Green—*Wash Boiler.***86911**—T. J. & F. Dieckrichs—*Patenting for Sheet Metal.***86920**—E. Henton—*Hook for Corsets.***86912**—H. Elliott—*For Crozier Stairs.***86919**—A. A. Griffing—*Game Counter.***86915**—J. C. Gaston—*Beehive.***86922**—G. H. Hurd—*Dental Jaw Brace.***Fig. 1** **Fig. 2****86917**—Gillet, Damitte, Dubois & Boissonneau—*Material for Paper.***86916**—J. C. Gaston—*Spring Bed Bottom.*

**86923**—G. B. Isham—*Gridiron.*

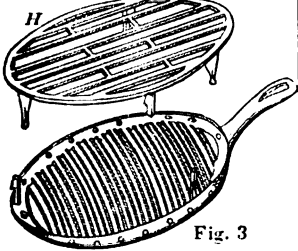
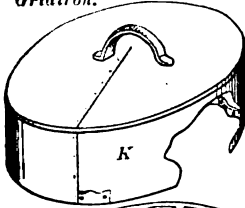
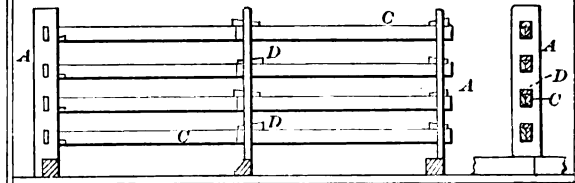
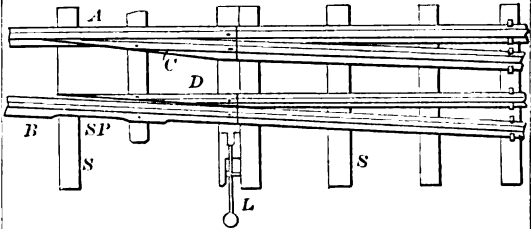


Fig. 3

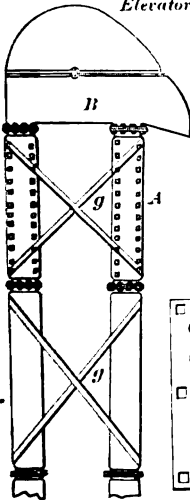
**86924**—W. Jasper—*Farm Fence.*



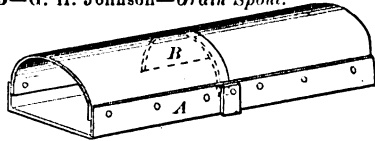
**86930**—C. W. Jones—*Railroad Switch.*



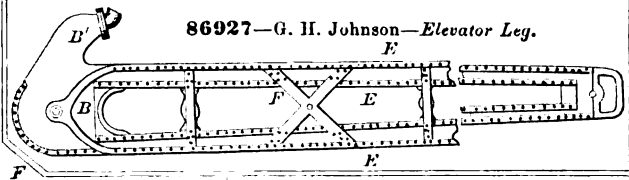
**86926**—G. H. Johnson—*Elevator Leg.*



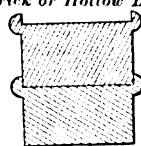
**86925**—G. H. Johnson—*Grain Spout.*



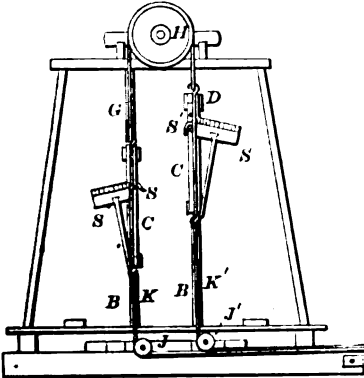
**86927**—G. H. Johnson—*Elevator Leg.*



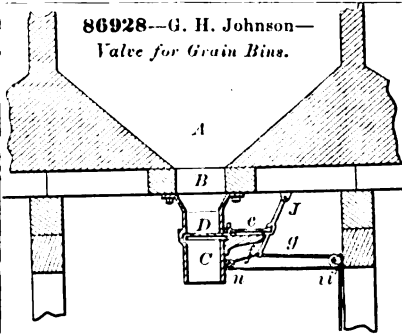
**86929**—Johnson & Milsom—*Building Brick or Hollow Block.*

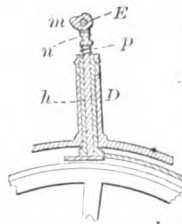
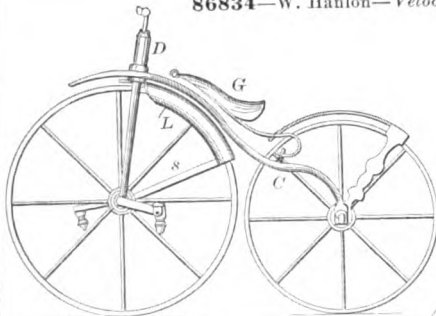
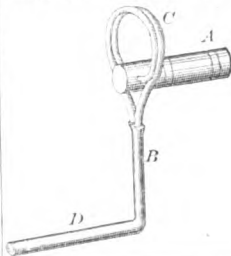
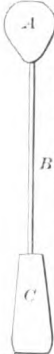
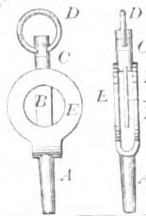
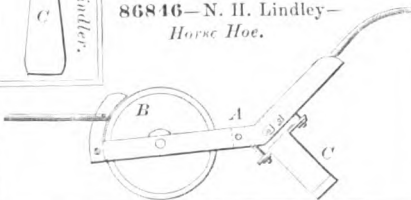
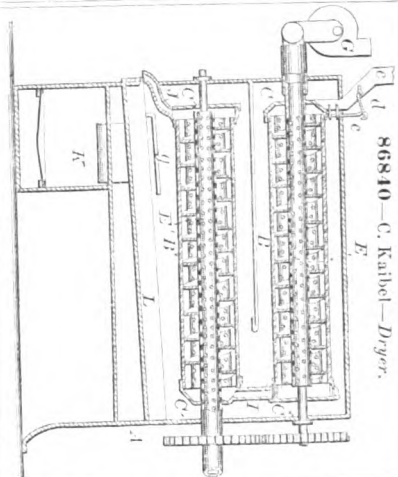
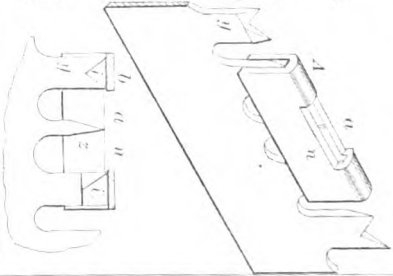
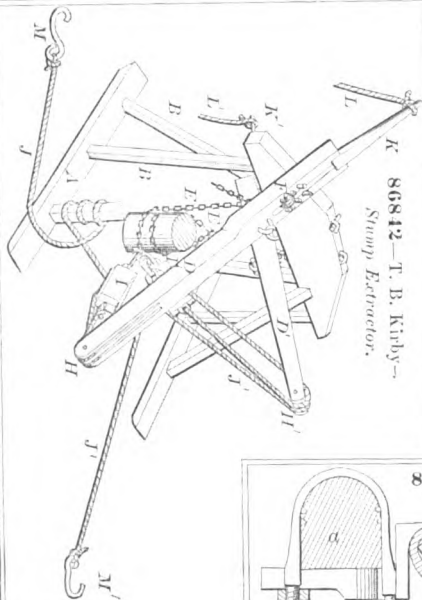
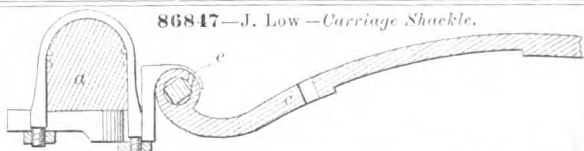


**86932**—T. Mann—*Brick Elevator.*

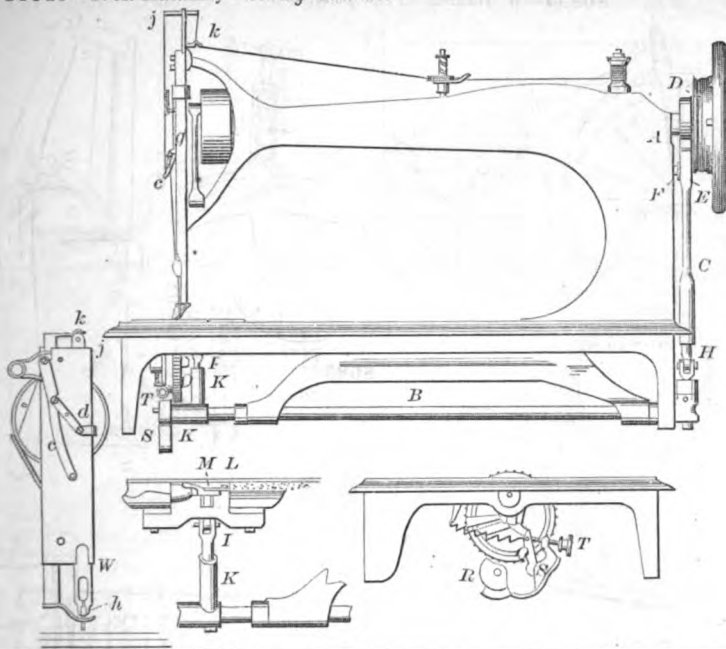


**86928**—G. H. Johnson—*Valve for Grain Bins.*



86834—W. Hanlon—*Velocipede.*86839—A. P. Ingalls—*Plow.*86845—P. Laflin—*Clock Key.*86838—H. K. Horton—*Fire Kindler.*86844—P. Laflin—*Watch Key.*86846—N. H. Lindley—*Hoe.*86810—C. Kaiibel—*Dryer.*86837—A. E. Hoffmann—*Saw Gauge.*86847—J. Low—*Carriage Shackle.*86812—T. B. Kirby—*Stump Extractor.*

86848—T. A. Macaulay—Sewing Machine.



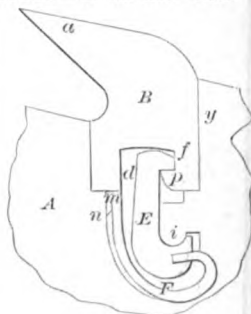
86849—E. B. Manning—Tea Pot.



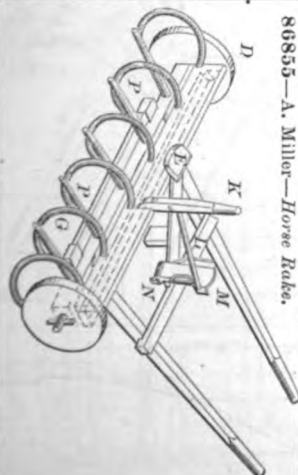
86852—W. McKernan—Duck Band Hook.



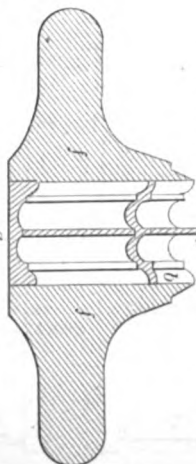
86850—G. Maulick—Saw.



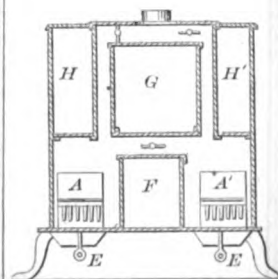
86855—A. Miller—Horse Rake.



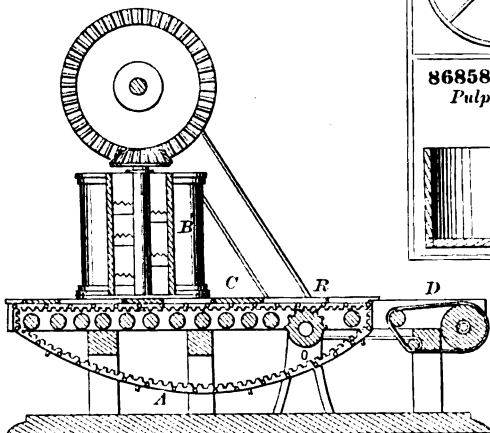
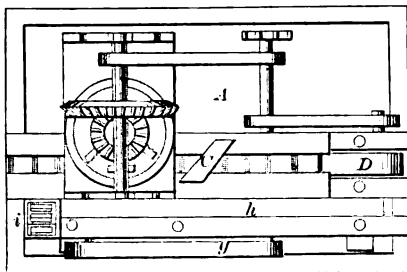
86851—A. W. Maxwell—Moulding Plane.



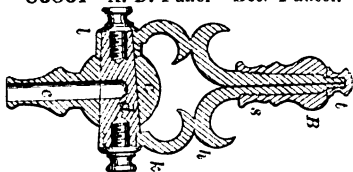
86854—M. Mellinger—Stove.



86853—J. McManus—Brick Machine.



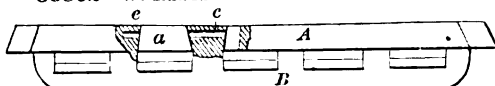
86861—A. D. Puffer—Beer Faucet.



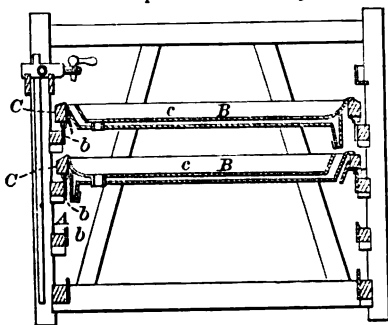
86864—C. E. Richards—Jewelry, &amp;c.



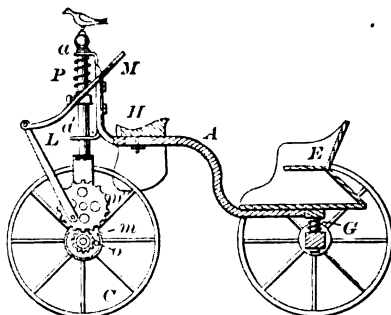
86862—W. Randall—Grate Bar.



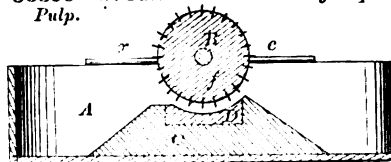
86860—A. Pope—For Obtaining Cream from Milk.



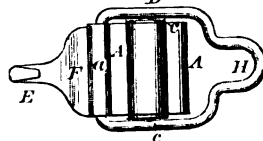
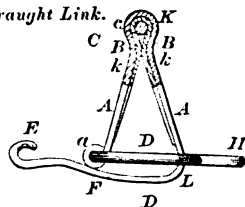
86856—J. Monroe—Velocipede.



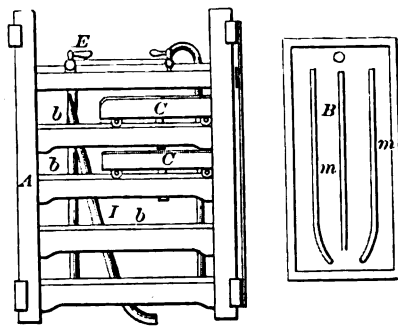
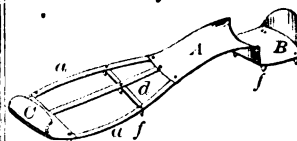
86858—W. Parkison—For Making Paper Pulp.

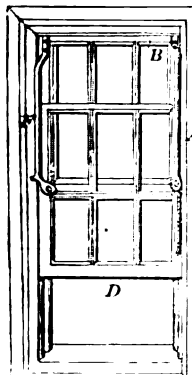


86863—B. Richards—Draught Link.



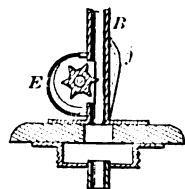
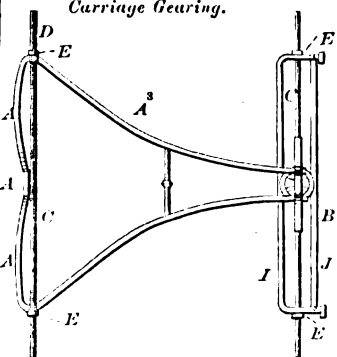
86857—H. Myer—Boot Calk.



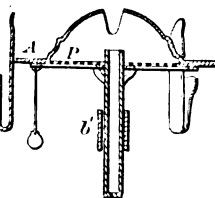


86865—R. Roy—*Stash Elevator and Partner.*

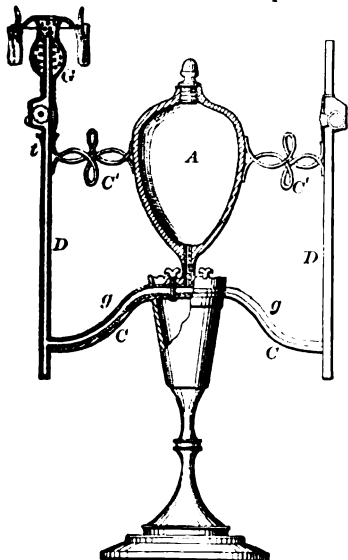
86866—C. W. Saladee—*Carriage Gearing.*



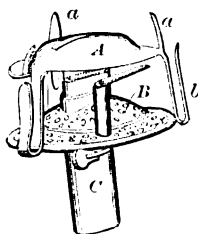
86869—J. F. Sanford—*Lamp Burner.*



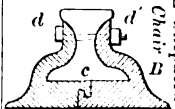
86867—J. F. Sanford—*Lamp.*



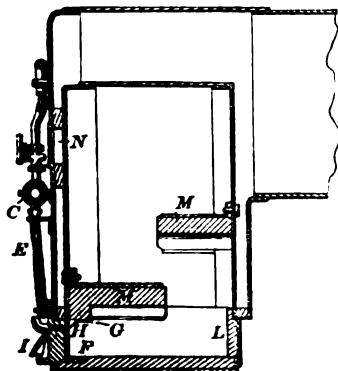
86868—J. F. Sanford—*Lamp Wick Trimmer.*



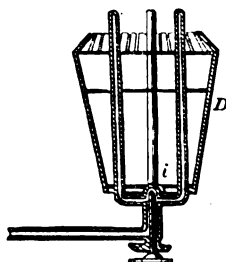
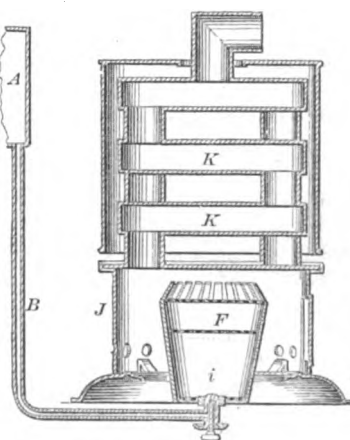
86874—O. L. Shepherd—*Railway Rail Chair.*



86871—C. Sauvage—*Hydro-Carbon Burner.*

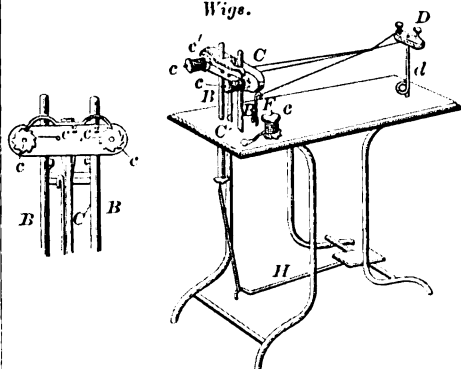


86870—H. S. Saroni—*Vapor Burner.*

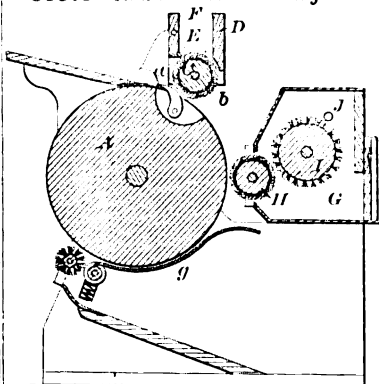




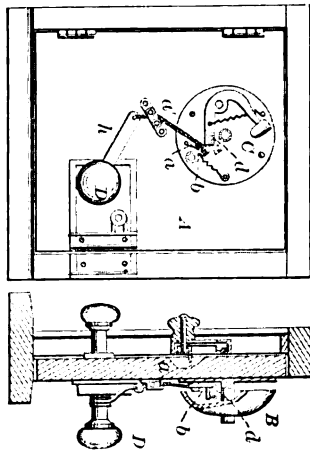
**86872**—L. A. Seago—For Weaving Hair for Wigs.



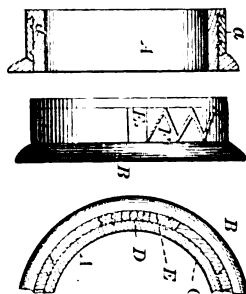
**86875**—H. Skidmore—Bronzing Machine.



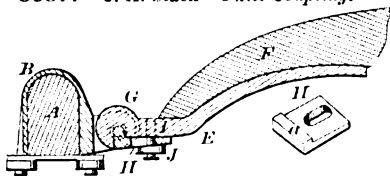
**86876**—C. A. Slack—Alarm Bell.



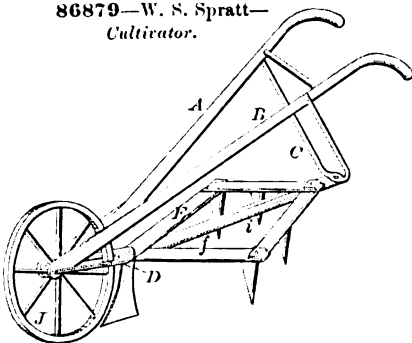
**86878**—J. Y. Smith—Car Wheel.



**86877**—C. A. Slack—Thill Coupling.



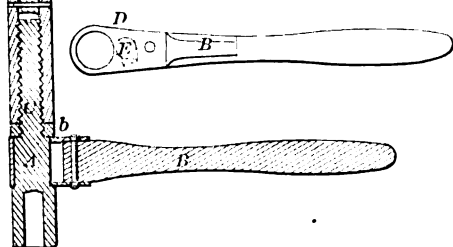
**86879**—W. S. Spratt—Cultivator.



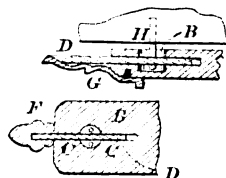
**86882**—J. C. Thompson—Horn Tip for Cattle.



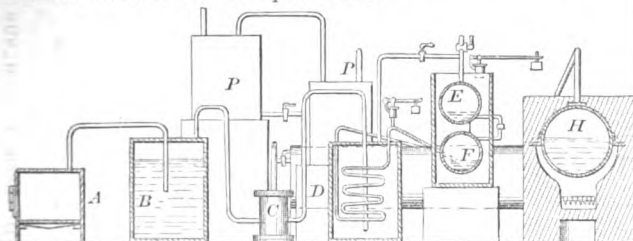
**86880**—E. A. Stockton—Drill Stock.



**86884**—H. Uhry—Stair Rod.



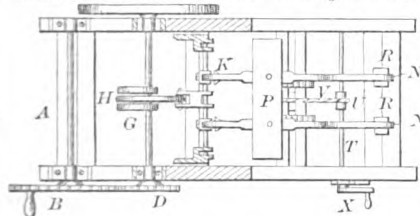
**86881**—A. H. Tait—*For Sulphuric Acid.*



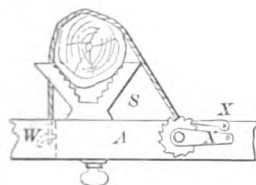
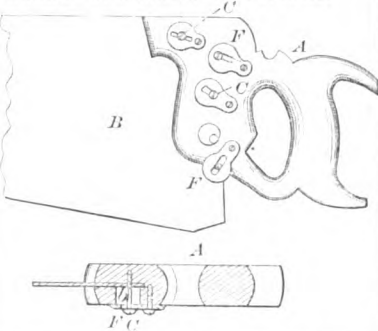
**86886**—  
J. Vincent—  
*Fruit Box.*



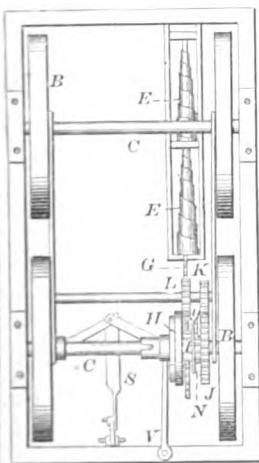
**86883**—A. W. Townshend—*Sawing Machine.*



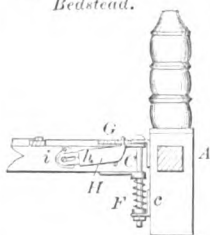
**86889**—J. Wallwork—*Saw Handle.*



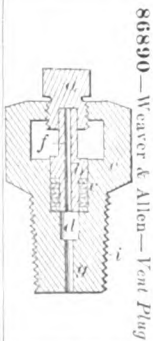
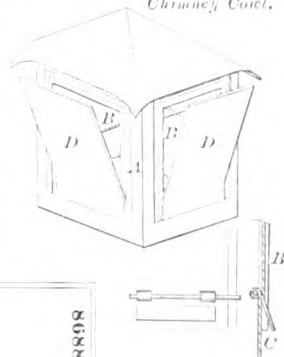
**86885**—A. B. Vandemark—  
*Car Brake and Starter.*



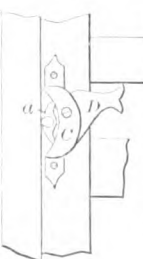
**86892**—D. Witt—  
*Bedstead.*



**86891**—Whiting & Whittemore—  
*Chimney Coal.*



**86890**—Weaver & Allen—*Vent Plug.*

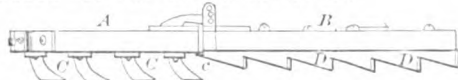


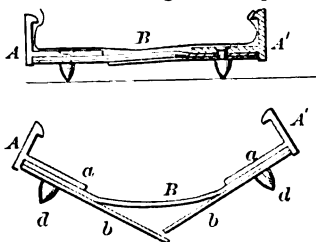
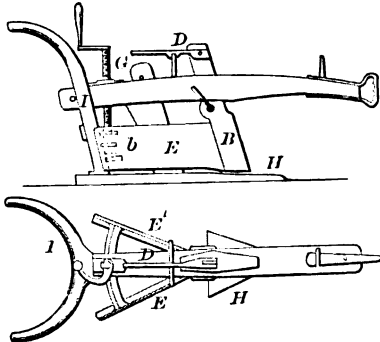
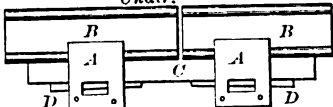
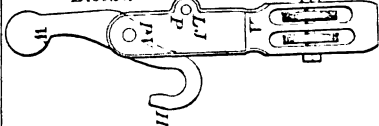
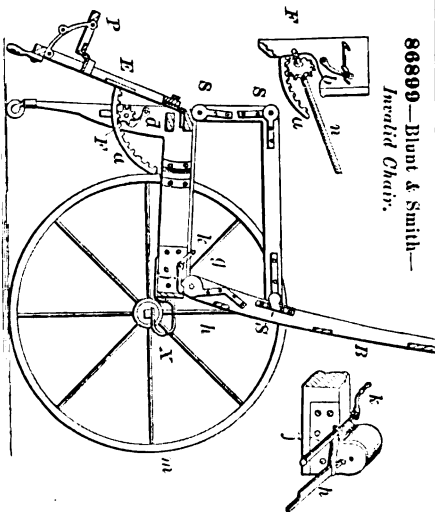
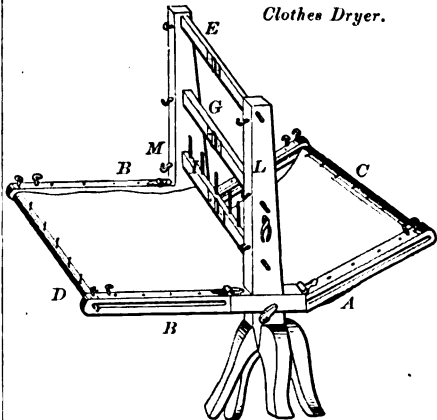
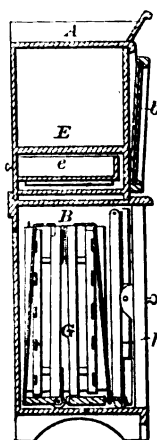
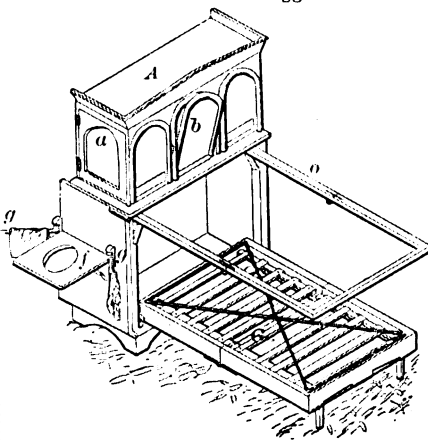
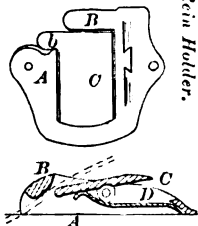
**86887**—E. Walker—*Sash Holder.*

**86888**—F. Walker—  
*Clothes Pin.*

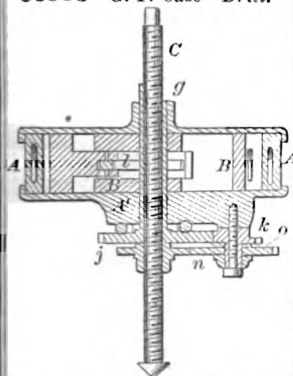


**86893**—D. Witt—*Breaker and Leveler.*

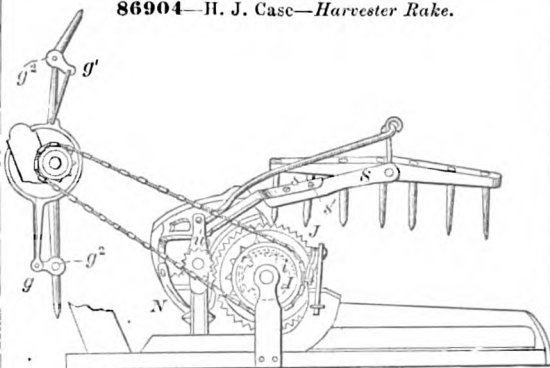


**86894**—D. Cumming—*Ice Creeper.***86896**—J. Bader, Sr.—*Plow.***86897**—H. L. Beach—*Railway Rail Chair.***86902**—W. Carter—*Hook for Tackle Blocks.***86895**—J. G. Ishler—*Quilting Frame and Clothes Dryer.***86899**—Blount & Smith—*Inverted Chair.***86901**—F. E. & M. G. Briggs—*Bedstead.***86900**—Boon & Mills—*Rein Holder.*

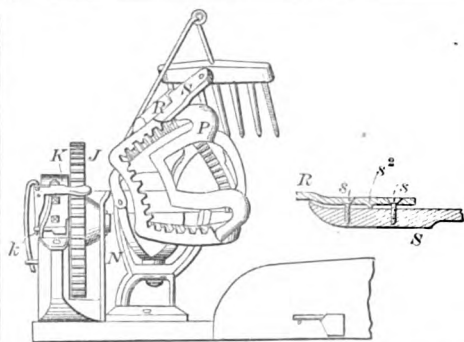
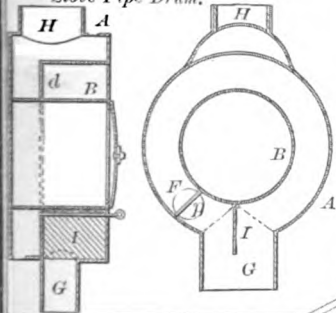
**86903**—G. F. Case—*Drill.*



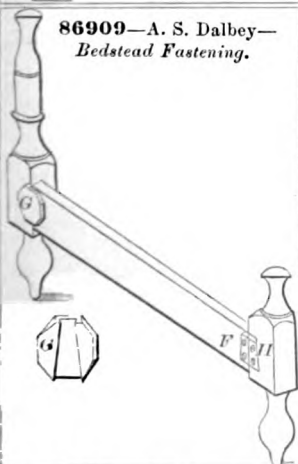
**86904**—H. J. Case—*Harvester Rake.*



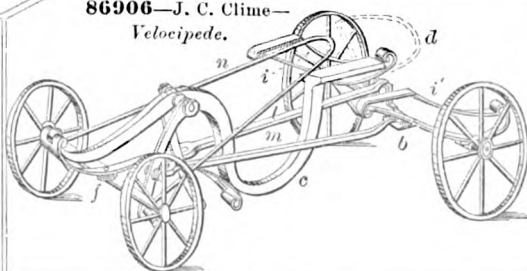
**86907**—J. W. Clough—*Oven and Store Pipe Drum.*



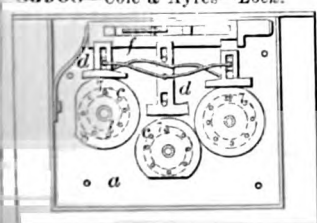
**86909**—A. S. Dalbey—*Bedstead Fastening.*



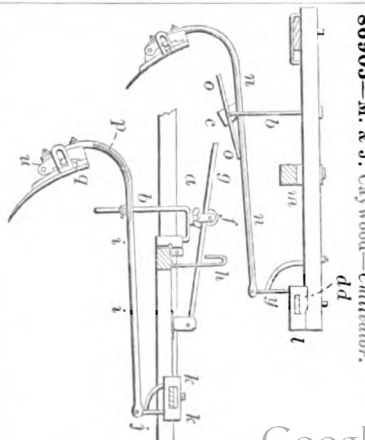
**86906**—J. C. Clime—*Velocipede.*



**86908**—Cole & Ayres—*Lock.*



**86905**—M. & J. Caywood—*Cultivator.*



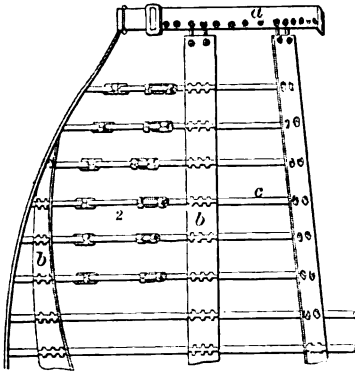
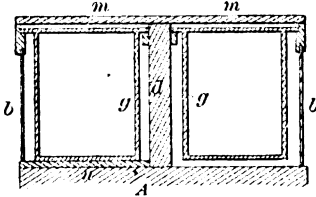
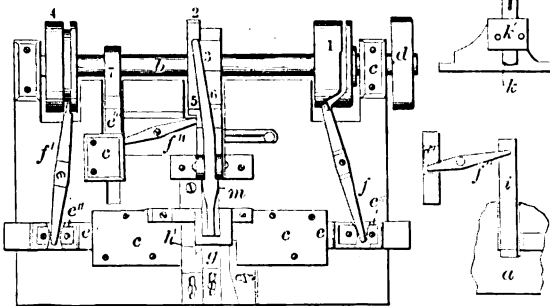
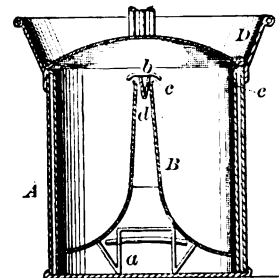
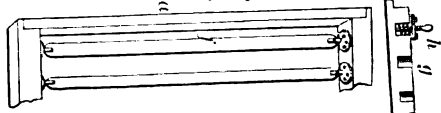
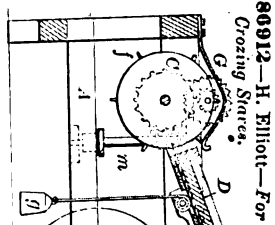
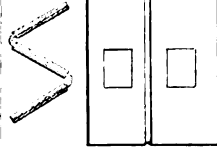
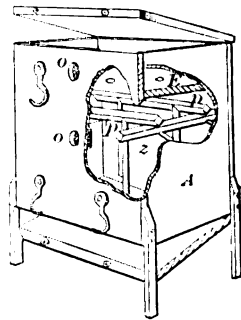
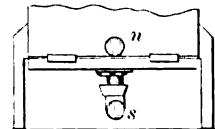
**86910**—T. D. Day—*Hoop Skirt.***86913**—G. J. Flansburgh—*Beehive.***86914**—G. H. Fuller—*Nut Machine.***86918**—J. Green—*Wash Boiler.***86917**—Gillet, Damitte, Dubois & Boissonneau—*Material for Paper.***86916**—J. C. Gaston—*Spring Bed Bottom.***86911**—T. J. & F. Dieckrichs—*Patenting for Sheet Metal.***86920**—E. Henton—*Hunk for Corners.***86912**—H. Elliott—*For Crossing Stairs.***86919**—A. A. Griffing—*Game Counter.***86915**—J. C. Gaston—*Beehive.***86922**—G. H. Hurd—*Dental Jaw Brace.*

Fig. 1      Fig. 2



**86923**—G. B. Isham—*Gridiron.*

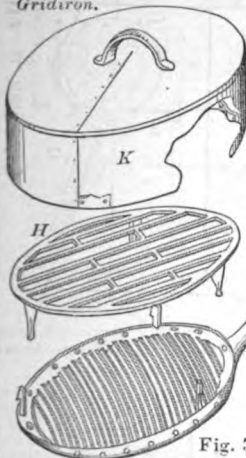
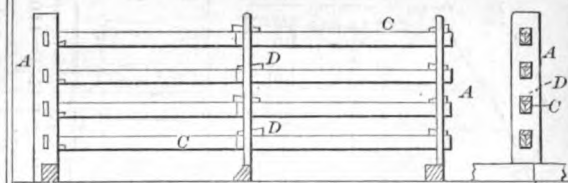
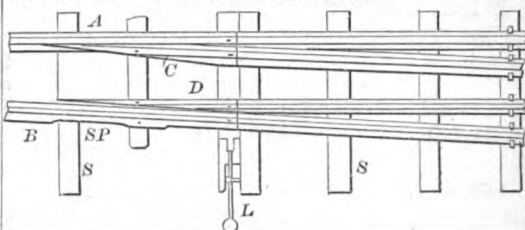


Fig. 3

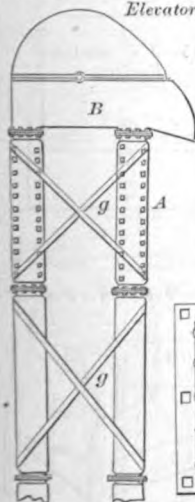
**86924**—W. Jasper—*Farm Fence.*



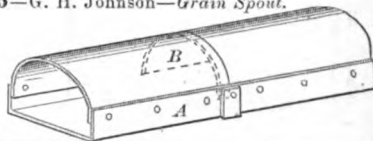
**86930**—C. W. Jones—*Railroad Switch.*



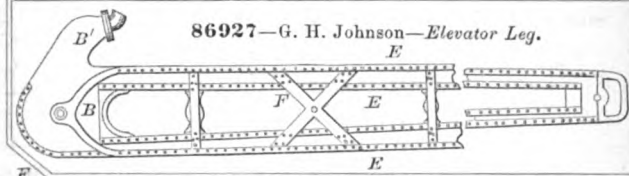
**86926**—G. H. Johnson—*Elevator Leg.*



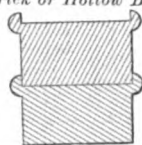
**86925**—G. H. Johnson—*Grain Spout.*



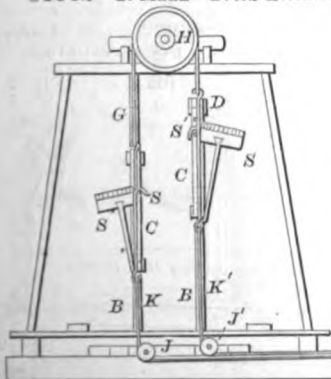
**86927**—G. H. Johnson—*Elevator Leg.*



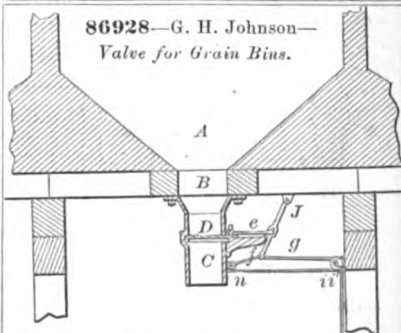
**86929**—Johnson & Milsom—*Building Brick or Hollow Block.*

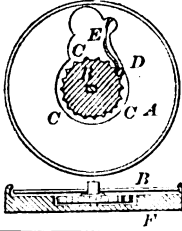
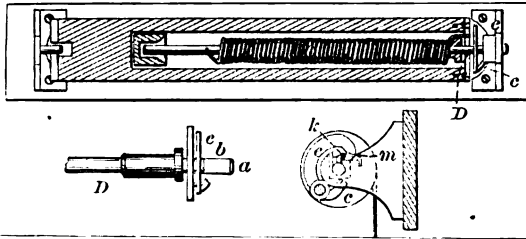
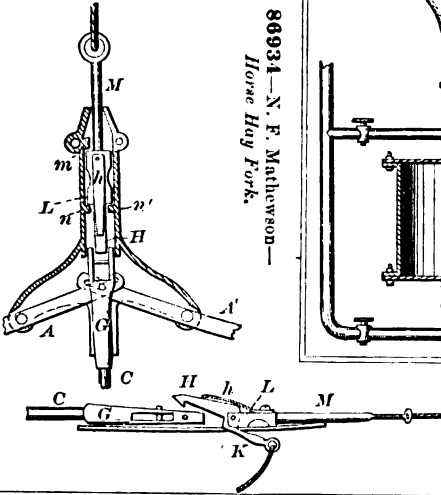
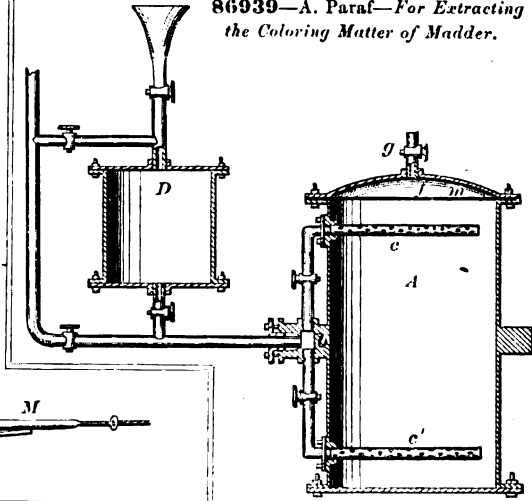
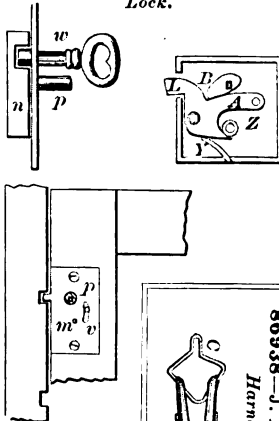
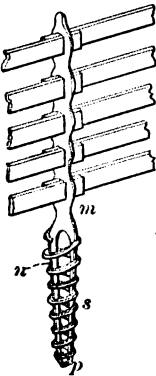
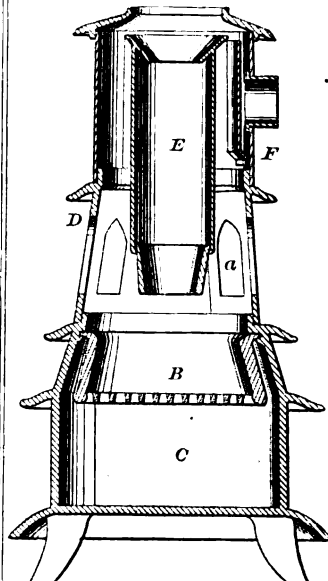


**86932**—T. Mann—*Brick Elevator.*

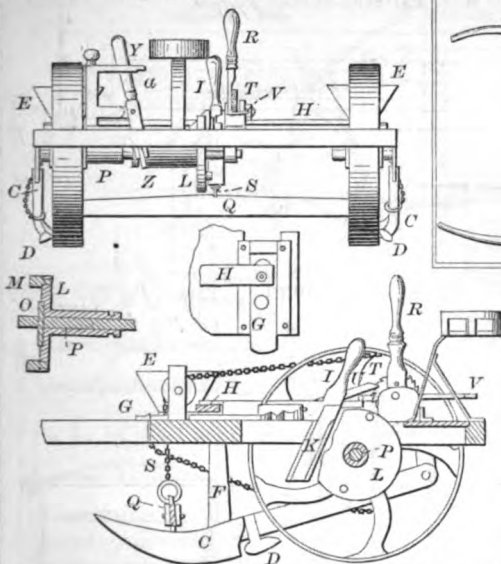


**86928**—G. H. Johnson—*Valve for Grain Bins.*

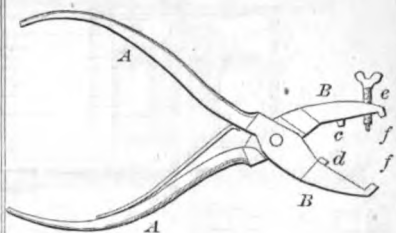


**86931**—W. H. Lamb—*Timepiece.***86933**—M. S. Marshall—*Curtain Fixture.***86934**—N. F. Mathewson—*Horse Hay Fork.***86939**—A. Paraf—*For Extracting the Coloring Matter of Madder.***86936**—J. W. Moffitt—*Sash Lock.***86935**—W. A. Middleton—*Fence Post.***86937**—H. Mooers—*Car Axle.***86940**—J. S. Perry—*Stove.***86938**—J. D. S. Newell—*Clip for Harness Traces.*

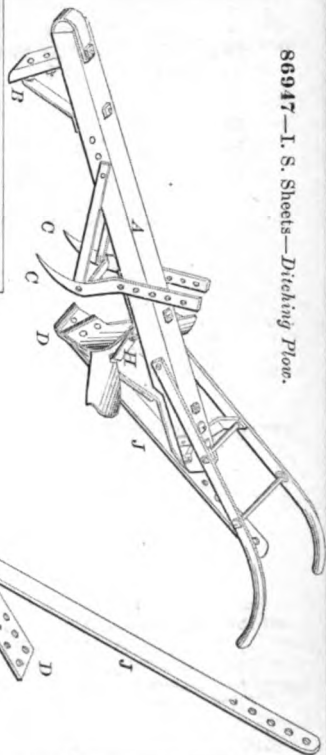
86941—Phillips & Richardson—*Corn Planter.*



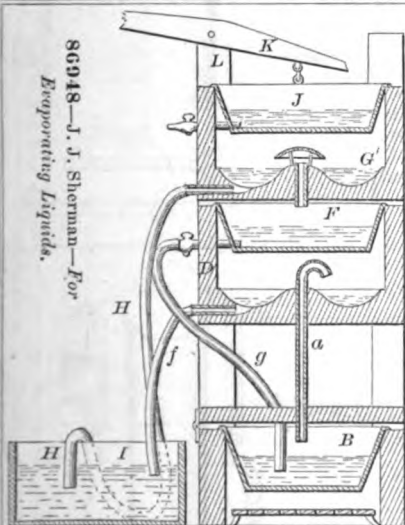
86945—H. Schauer—*Saw Set and Punch.*



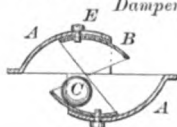
86947—L. S. Sheets—*Ditching Plow.*



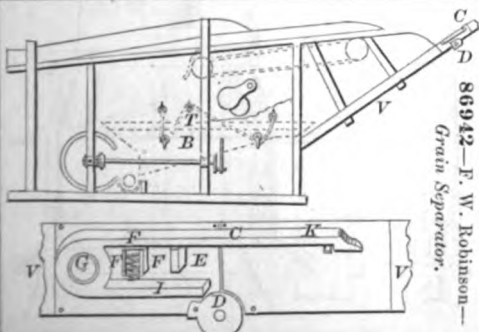
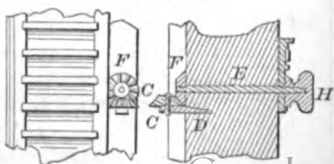
86948—J. J. Sherman—*For evaporating liquids.*



86943—D. Sanders—*Stove Pipe Damper.*



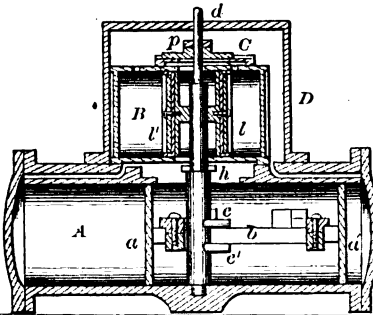
86946—C. W. Shattuck—*Shutter Worker.*



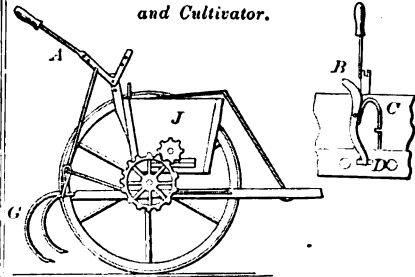
86942—F. W. Robinson—*Grain Separator.*



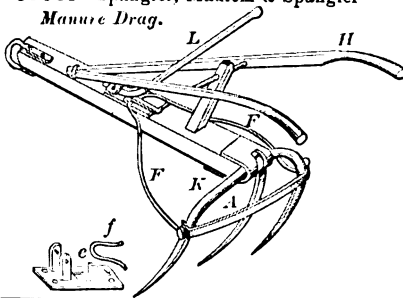
86949—G. Sickles—Fluid Meter.



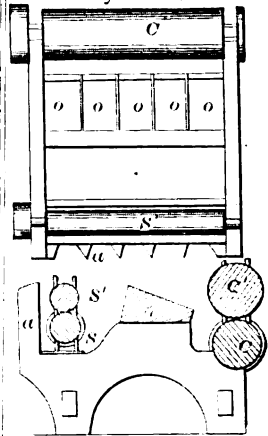
86950—M. D. Smith—Seeding Machine and Cultivator.



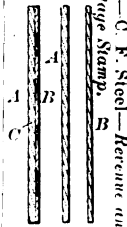
86951—Spangler, Madlem &amp; Spangler—Manure Drag.



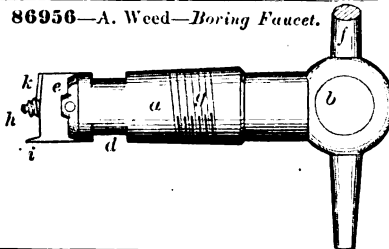
86953—B. W. Tauger—Carding Machine.



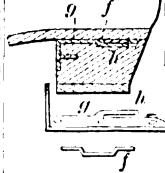
86952—C. F. Steel—Herring and Potage Stamp.



86956—A. Weed—Boring Faucet.



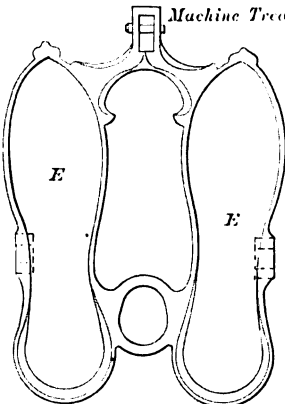
86955—C. D. Ulmer—Attaching Heels to Boots.



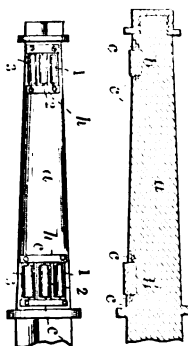
86958—W. Wilber—Boot and Shoe Shave.



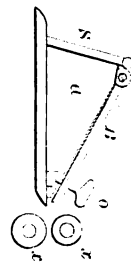
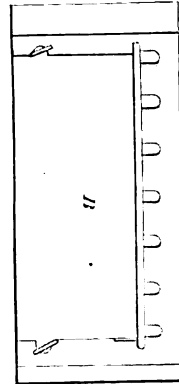
86957—A. Weissenborn—Sewing Machine Treadle.



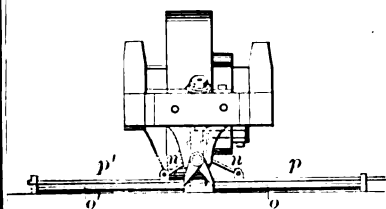
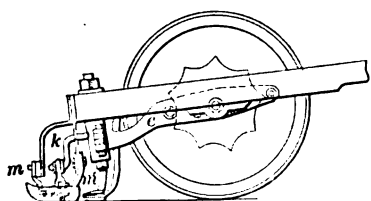
86959—Wilbur &amp; Tuttle—Carriage Axle.



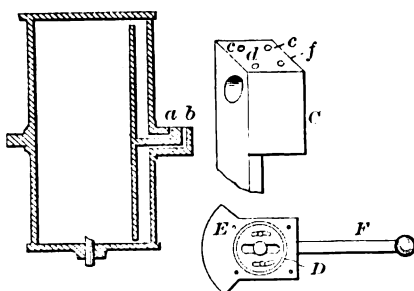
86954—B. W. Tauger—Carding Machine.



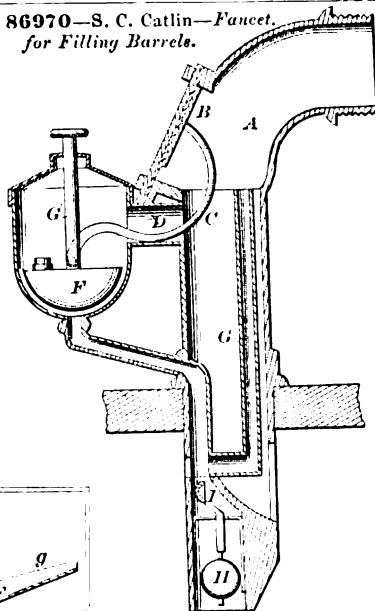
86960—M. S. G. Wilde—Lawn Mower.



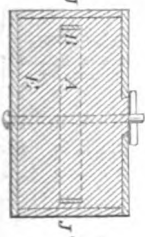
86965—L. Andersen—Steam Engine.



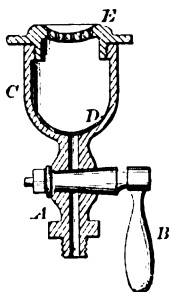
86970—S. C. Catlin—Pancet for Filling Barrels.



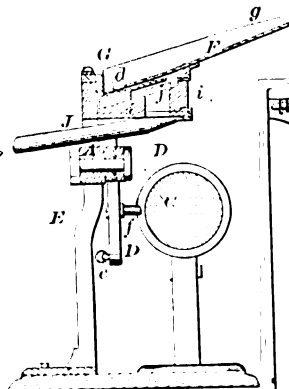
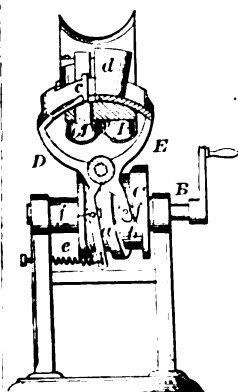
86961—J. D. Wise—Crating Building Blocks.



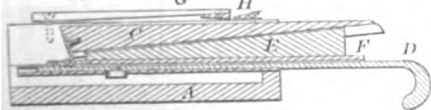
86964—A. N. Allen—Steam Heater.



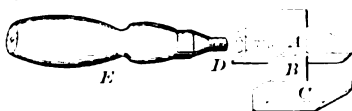
86968—C. Baer—Type Breaker.



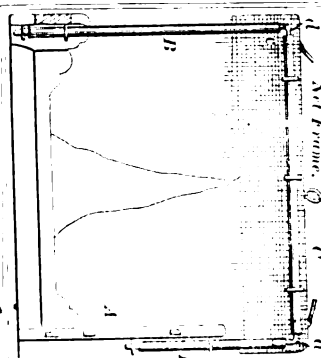
86969—W. Best—Splitting and Skiving Machine.

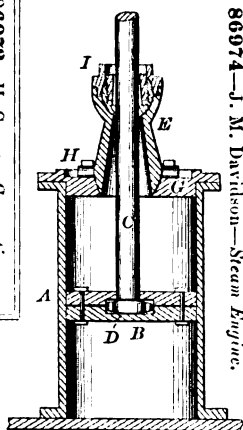
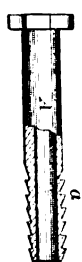
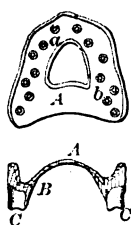
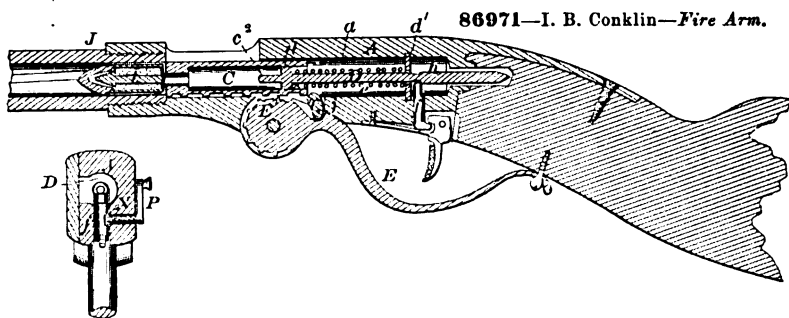


86967—J. N. Arvin—Wrench.

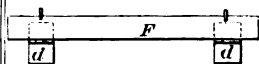
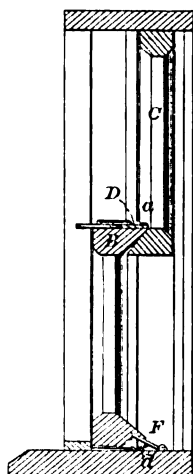
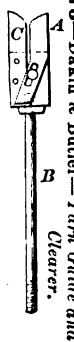
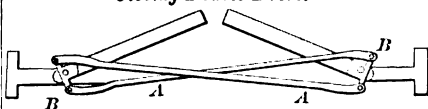


86966—L. W. Armstrong—Machinery for Filling Barrels.

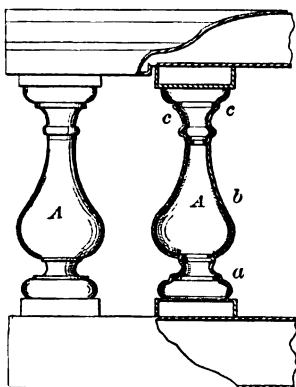




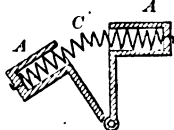
**86981—Gooch & Jeffery—For Opening and Closing Double Doors.**



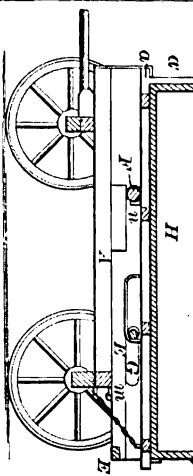
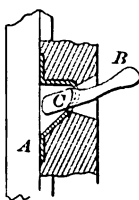
**86977—G. Fischer—Sheet Metal Balusters.**



**86978—F. Fredericks—Butt.**



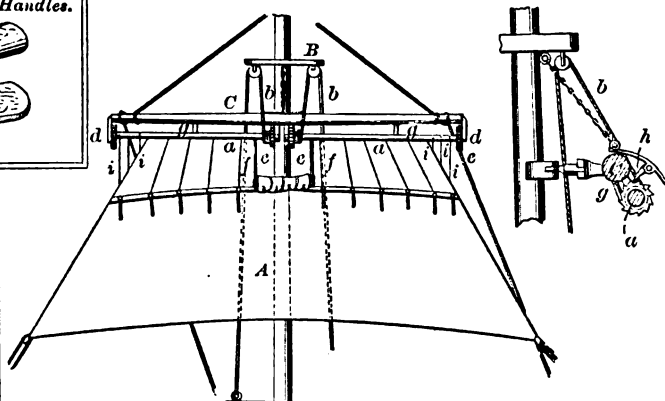
**86982—W. A. Goranflo—Sash Holder.**



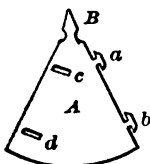
**86983**—I. G. Hotchkiss—  
*Blank for Cutlery Handles.*



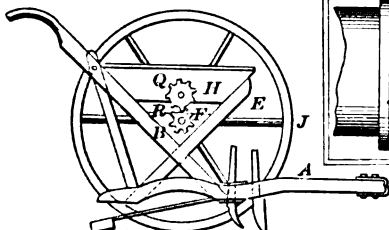
**86984**—N. Ingersoll—*Reefing Sails.*



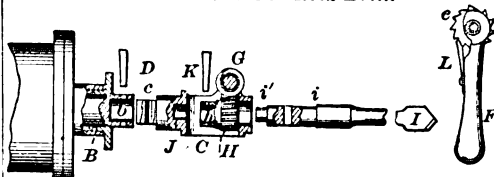
**86987**—  
A. D. Laws—  
*Lamp Shade*



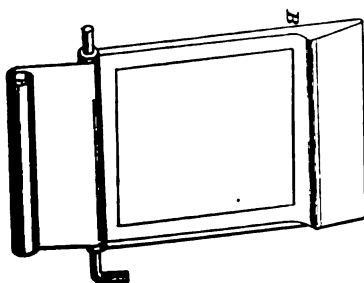
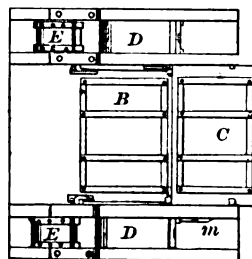
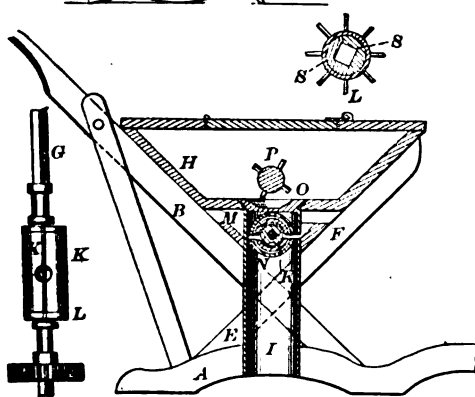
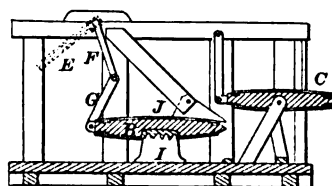
**86992**—R. R. McGregor—*Corn  
and Cotton Seed Planter.*



**86988**—R. C. M. Lovell—*Rock Drill.*

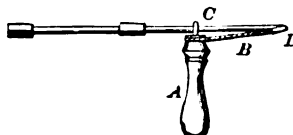


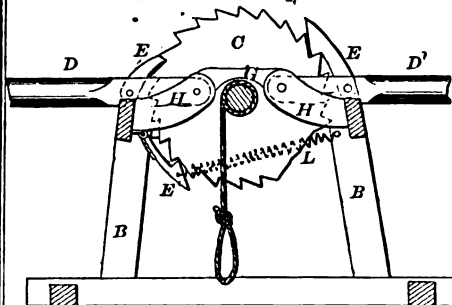
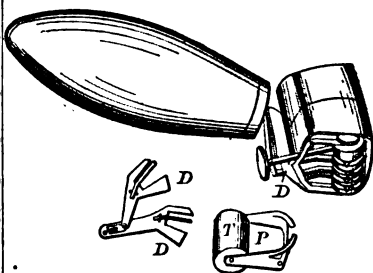
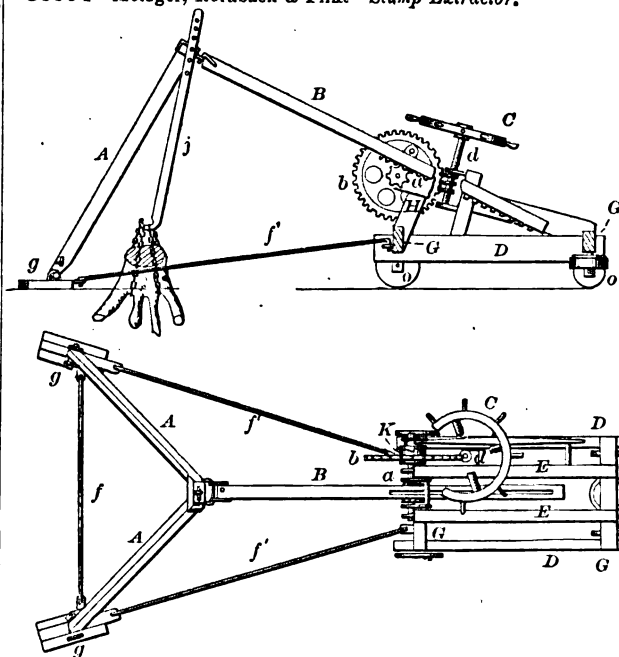
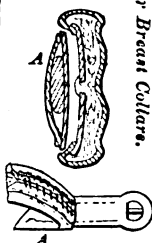
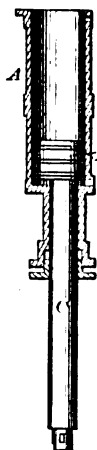
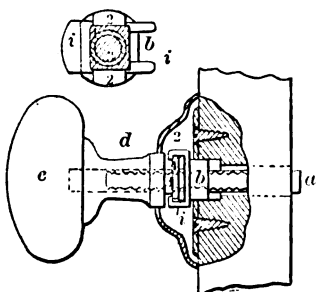
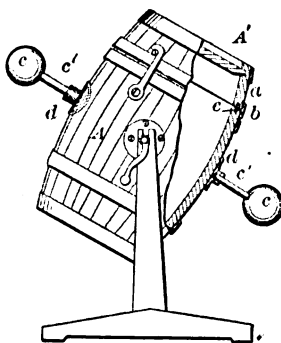
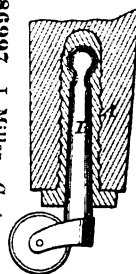
**86985**—J. J. Kimball—*Flood Gate.*



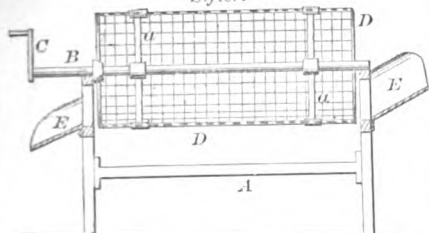
**86991**—H. D. McGeorge—  
*Picture Case and Cane.*

**86993**—W. S. McNeil—*Toy  
Spring and Arrow.*

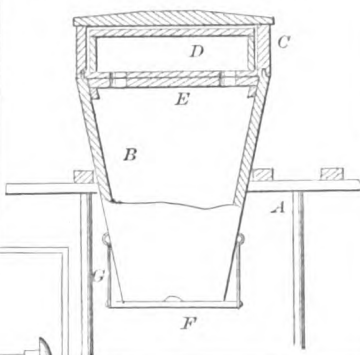


86990—A. J. McCrea—*Stump Extractor.*87000—R. T. Osgood—*Stamp Canceler.*86994—Metzger, Roraback & Flint—*Stump Extractor.*86995—R. E. Miles—*Pad for Breast Collars.*86996—A. Miller—*Steam Hammer Engine.*86998 W. T. Munger—*Attaching Knobs to Spindles.*86999—R. Murphy—*Churn.*86997—J. Miller—*Carter.*

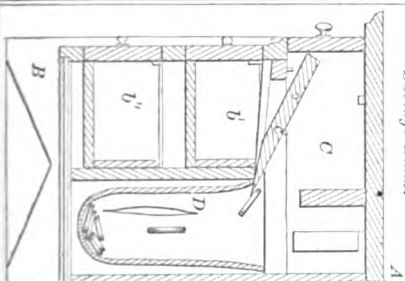
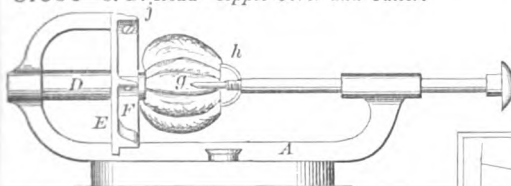
**87001**—Perrine & Conover—Potato Assorter and Sifter.



**87003**—J. P. Praul—Beehive.

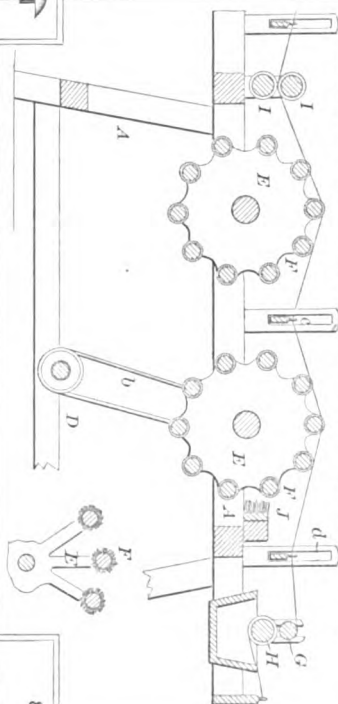
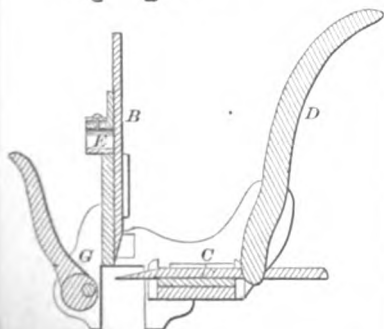
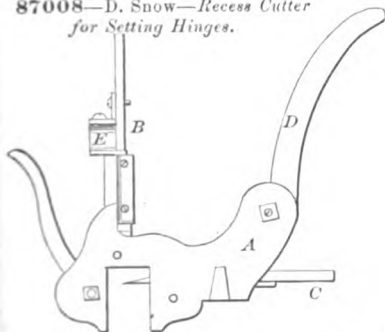


**87004**—C. D. Read—Apple Corer and Cutter.



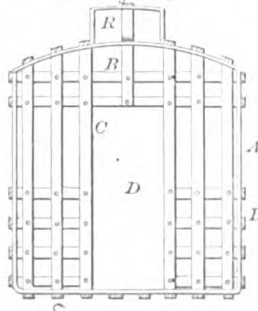
**87006**—J. Serrill—Toy Savings Bank.

**87008**—D. Snow—Recess Cutter for Setting Hinges.



**87007**—S. & R. A. Semple—For Polishing and Dressing Thread.

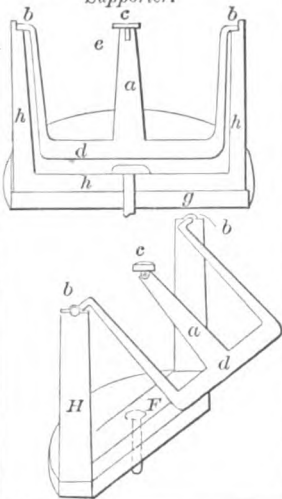
**87002**—Power & Coyne—Railway Car.



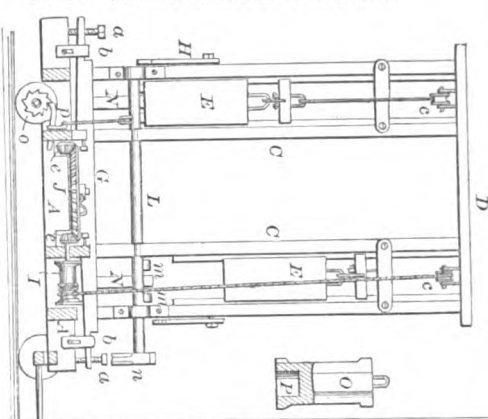
**87007**—T. Smith—Concrete Pavement.



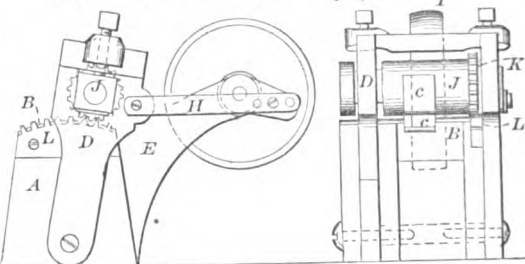
**87009**—C. W. Soule—*Shoe Supporter.*



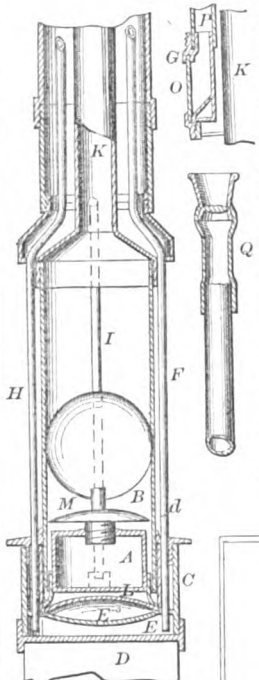
**87010**—Smith & Galbraith—*Pile Driver.*



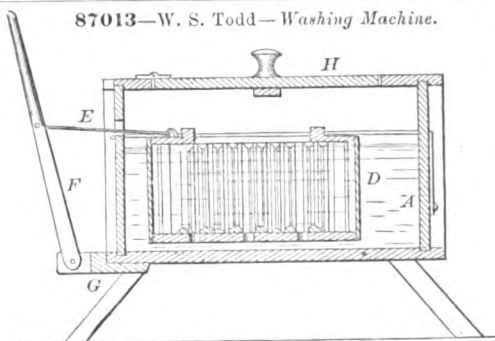
**87011**—J. F. Thomas—*For Seaging Rolls.*



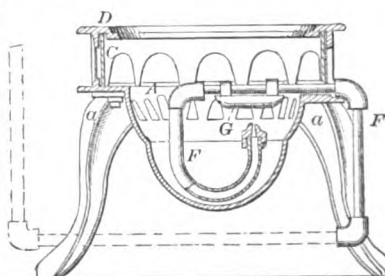
**87012**—H. Thompson—*Submarine Telescopic Lantern.*



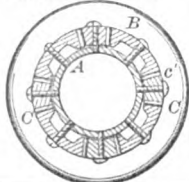
**87013**—W. S. Todd—*Washing Machine.*



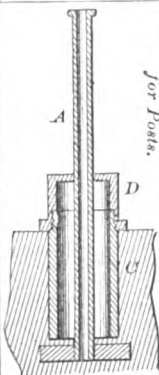
**87014**—W. C. Trowbridge—*Gas Heater.*



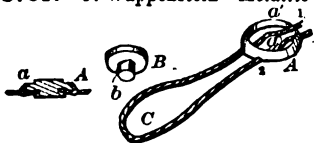
**87016**—Walters & Shaffer—*Column.*



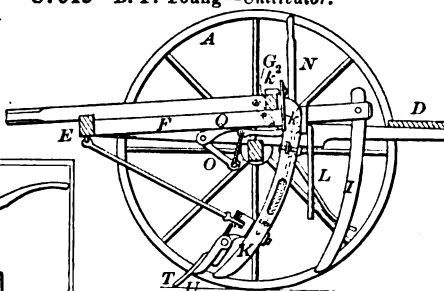
**87015**—S. T. Varian—*Frost Protector for Posts.*



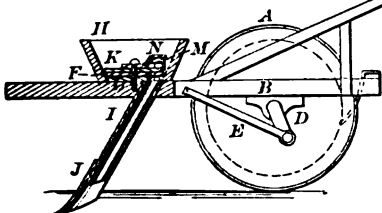
87017—J. Wappenstein—Metallic Seal.



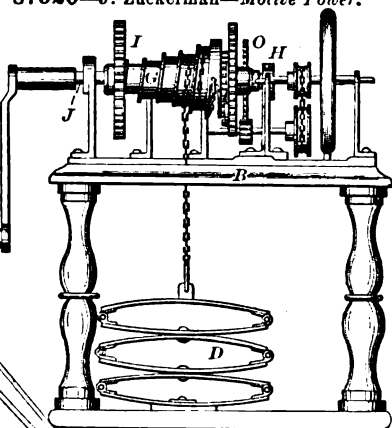
87019—B. F. Young—Cultivator.



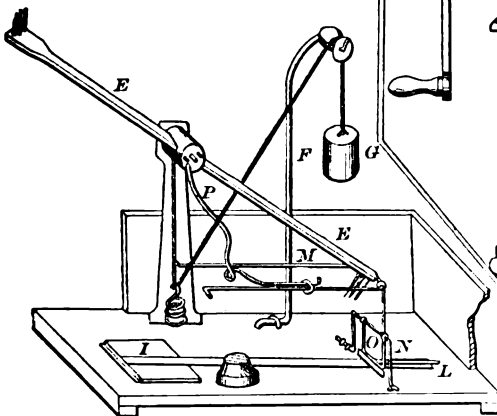
87018—D. D. Wood—Corn Planter.



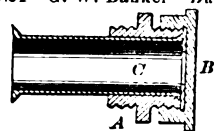
87020—J. Zuckerman—Motive Power.



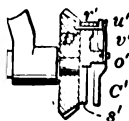
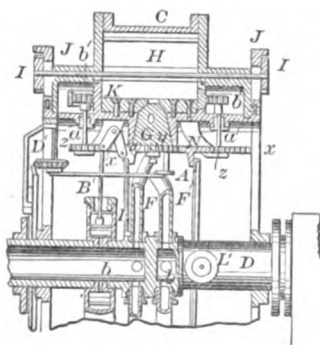
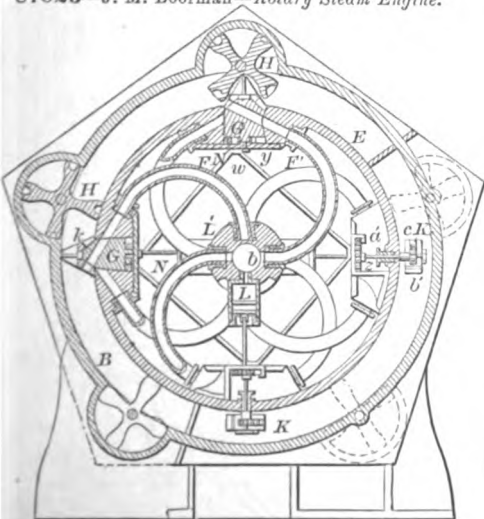
87022—T. J. Belford—Animal Trap.



87021—G. W. Banker—Bung Tap.

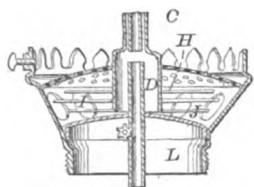


87023—J. M. Boorman—Rotary Steam Engine.

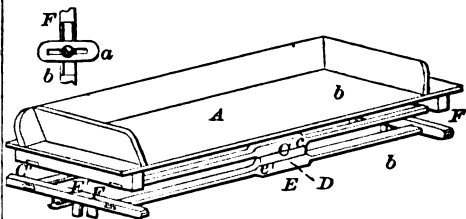




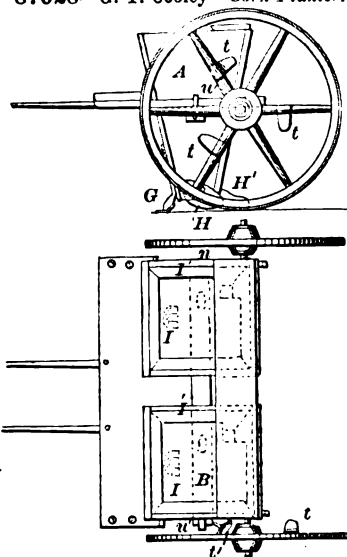
87024—D. T. Briggs—Lamp Burner.



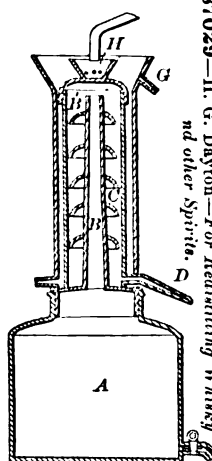
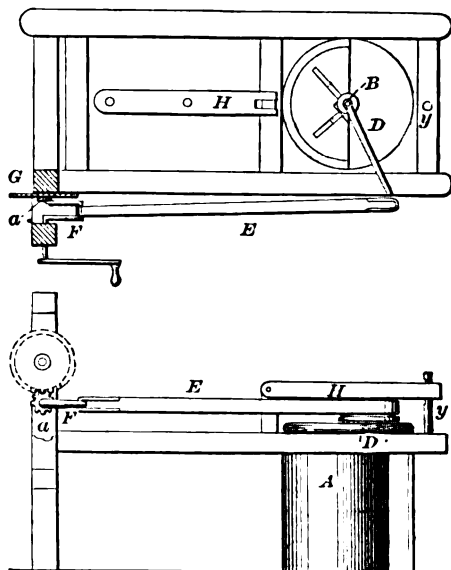
87026—I. H. Chappell—Wagon Seat.



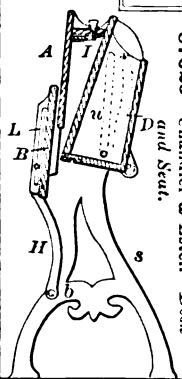
87028—G. T. Cooley—Corn Planter.



87027—M. Clifton—Churn.

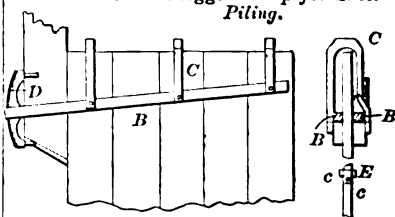


87029—H. G. Dayton—For Redistilling Whisky and other Spirits.

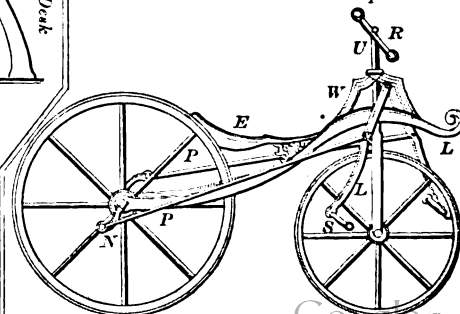


87025—Chandler &amp; Estell—Desk and Seat.

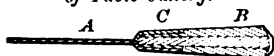
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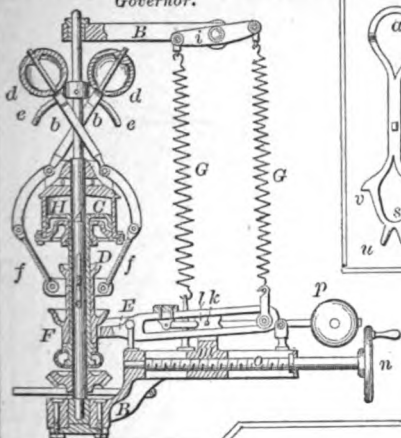
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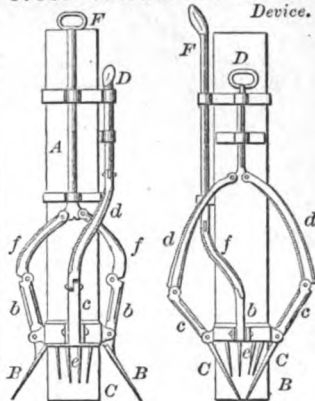
87032—A. E. Elmer—Construction of Table Cutlery.



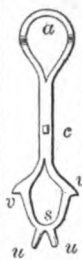
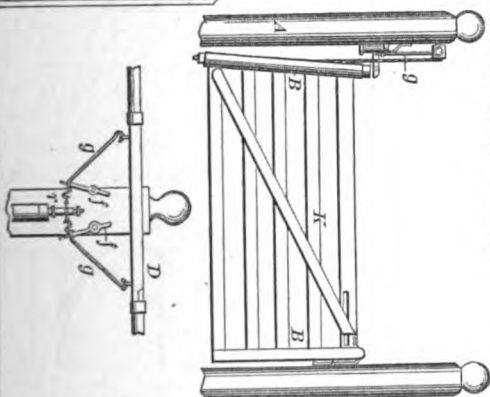
87034—J. Farcot—*Steam Engine Governor.*



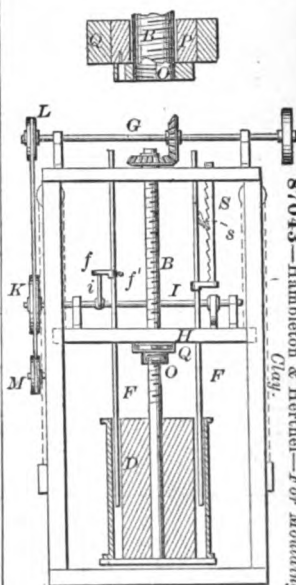
87037—J. C. Fuller—*Plant Setting Device.*



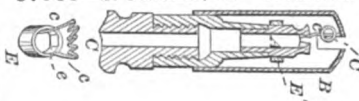
87035—D. Fasig—Hay Knife  
and Pruner.

87040—S. A. Gould—*Gate*

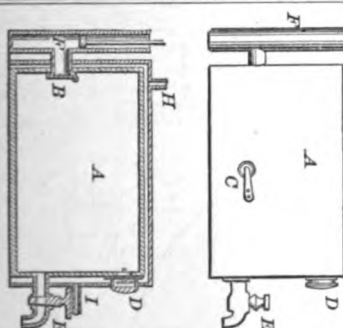
87043—Hambleton & Herthel—*For Moulding Clay.*



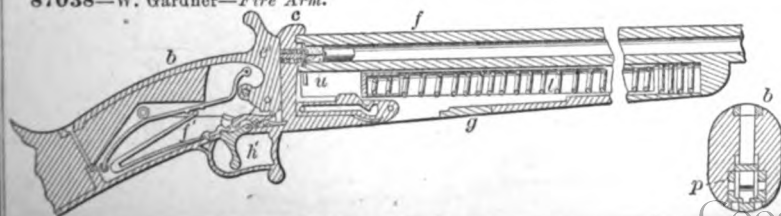
87039—S. Gardiner, Jr.—*Gas Burner.*



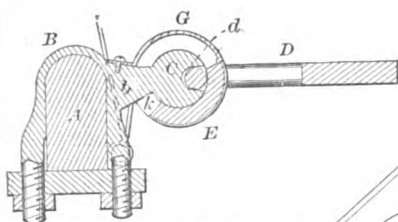
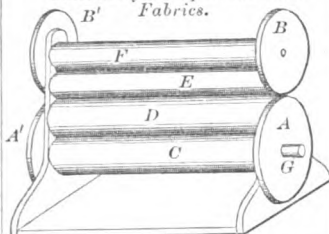
**87041—E. H. Grant—Cooling the Atmosphere in Rooms and other Enclosures.**



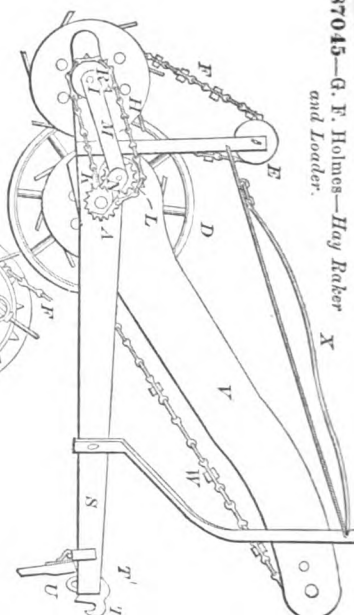
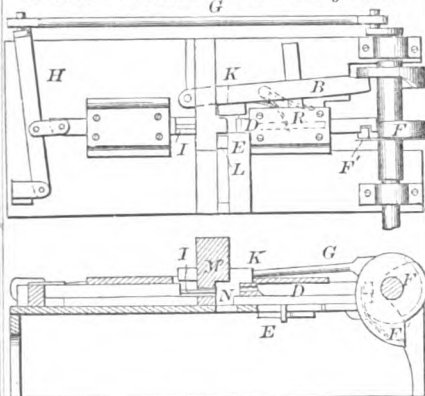
87038—W. Gardner—*Fire Arm.*



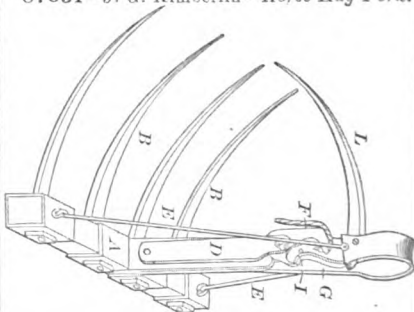
87047—M. Howe—Thill Coupling.

87044—Harding & Soley—  
Calendar for Paper and other  
Fabrics.

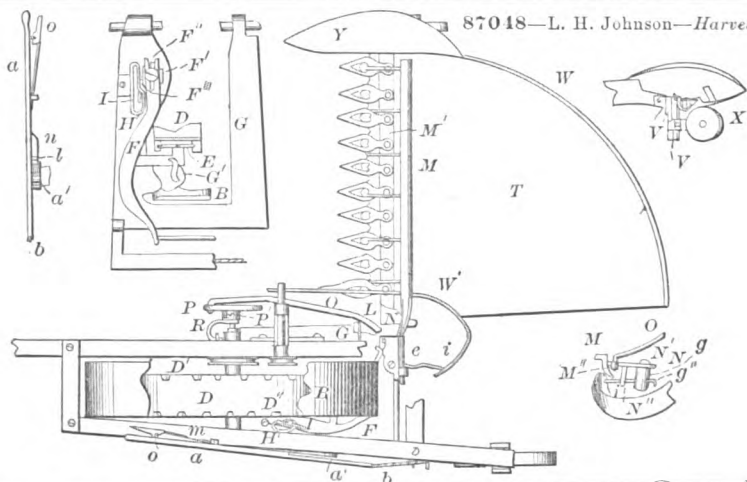
87046—W. Horsfall—For Making Nuts.

87045—G. F. Holmes—Hay Raker  
and Loader.

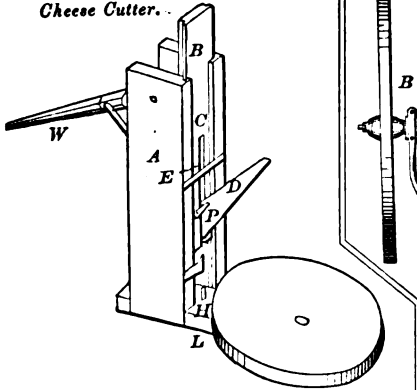
87051—J. G. Kimberlin—Horse Hay Fork.



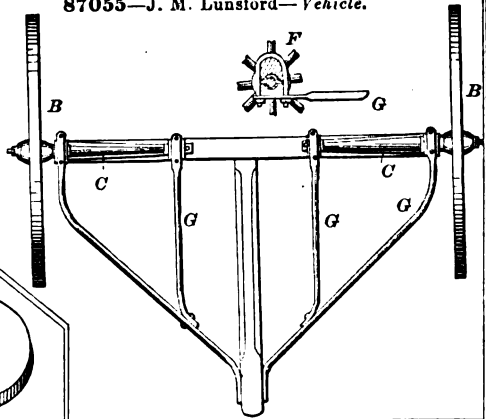
87048—L. H. Johnson—Harvester.



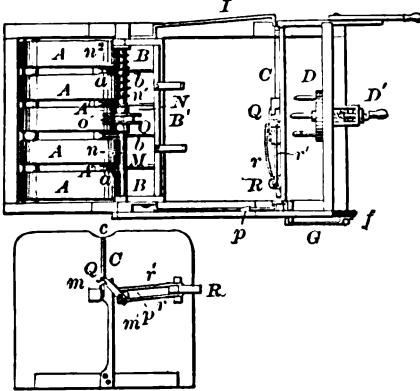
**87049**—G. C. & P. B. Jones—  
*Cheese Cutter.*



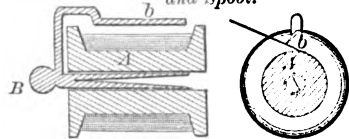
**87055**—J. M. Lunsford—*Vehicle.*



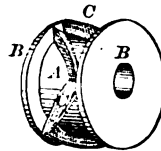
**87056**—W. De C. May—*Grain Binder.*



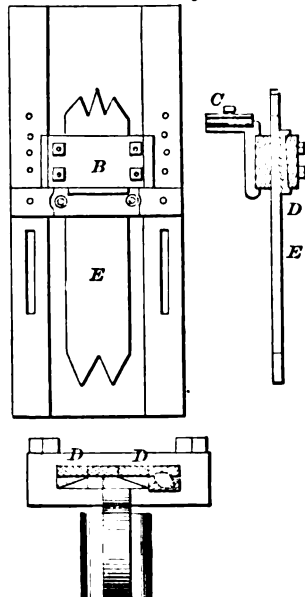
**87057**—W. C. McIntire—*Thread Cutter and Spool.*



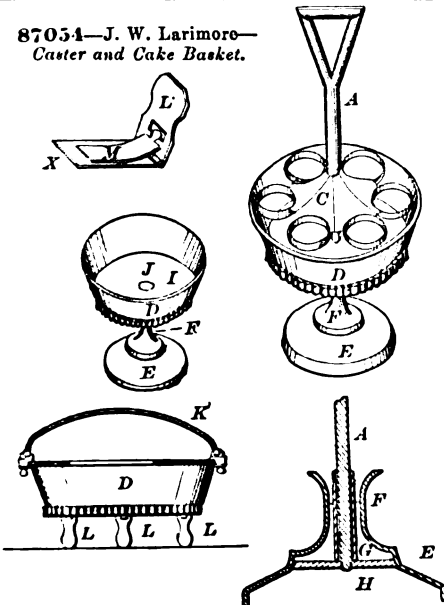
**87052**—B. Kuhns—*Grain Drill.*



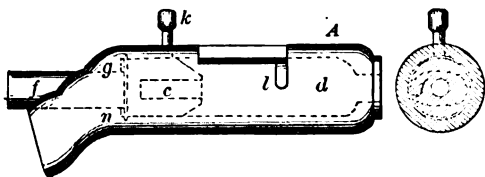
**87053**—E. G. Lamson—*For Cutting and Channeling Stone.*



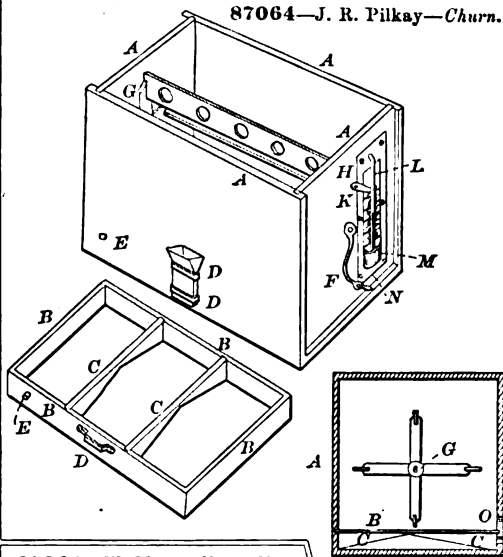
**87054**—J. W. Larimore—  
*Caster and Cake Basket.*



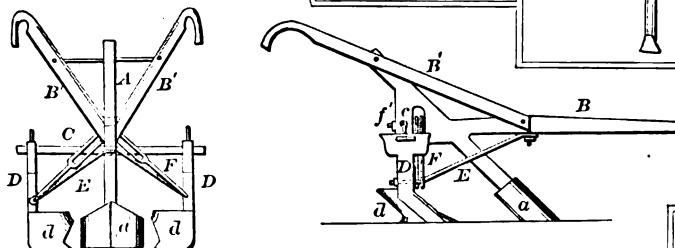
87058—L. A. Merriam—Fire Arm.



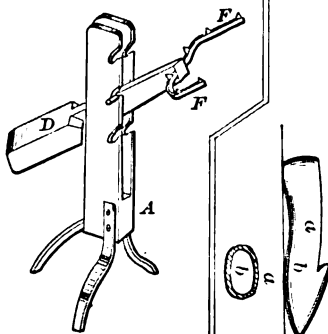
87064—J. R. Pilkay—Churn.



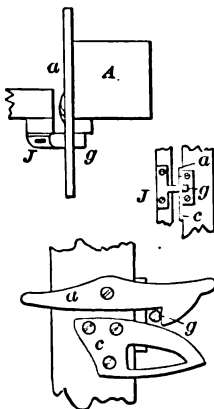
87060—W. Muir—Horse Hoe.



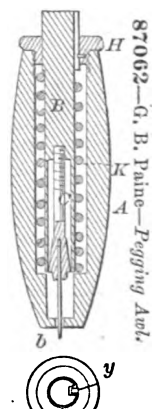
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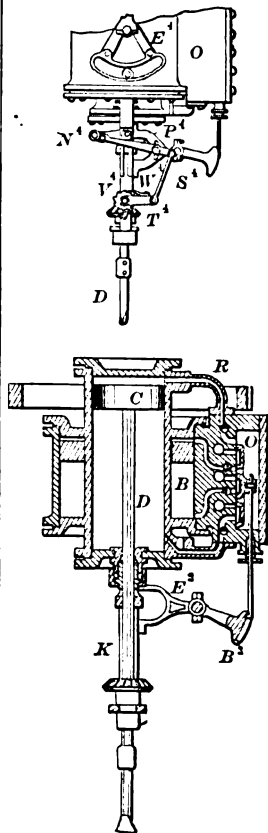
87063—C. W. Palmer—Shoe.



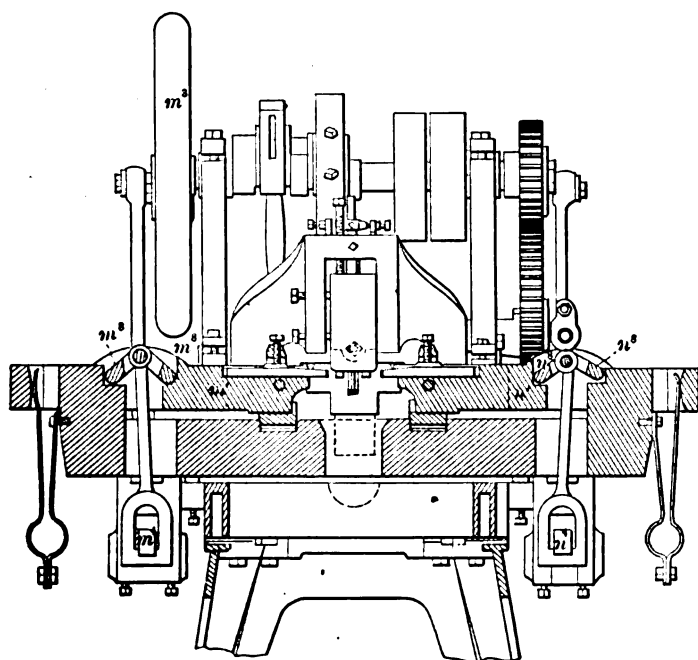
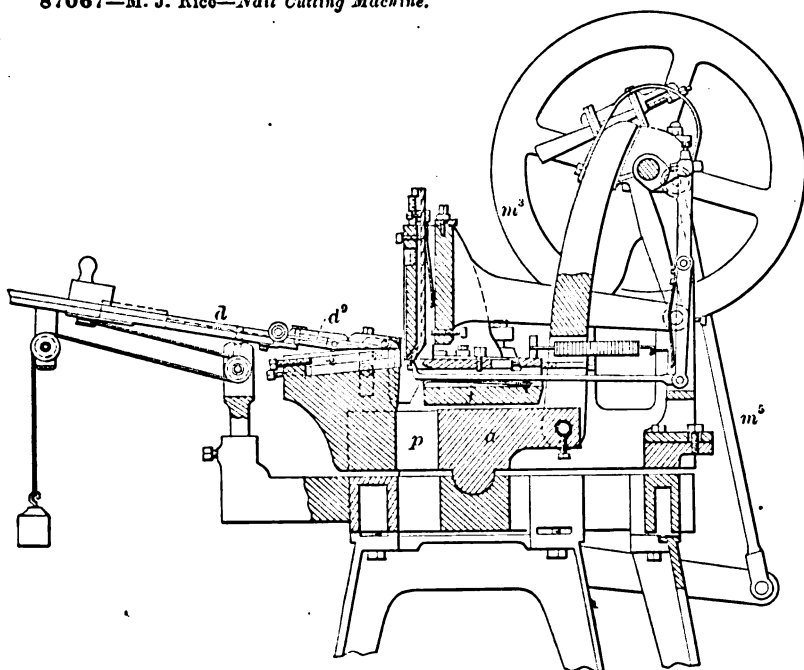
87065—W. Redhead—Gate Latch.

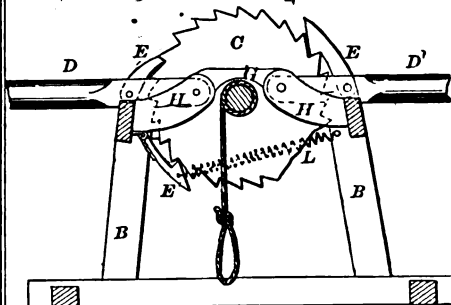
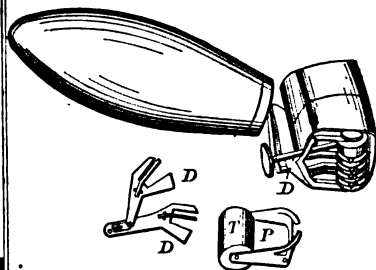
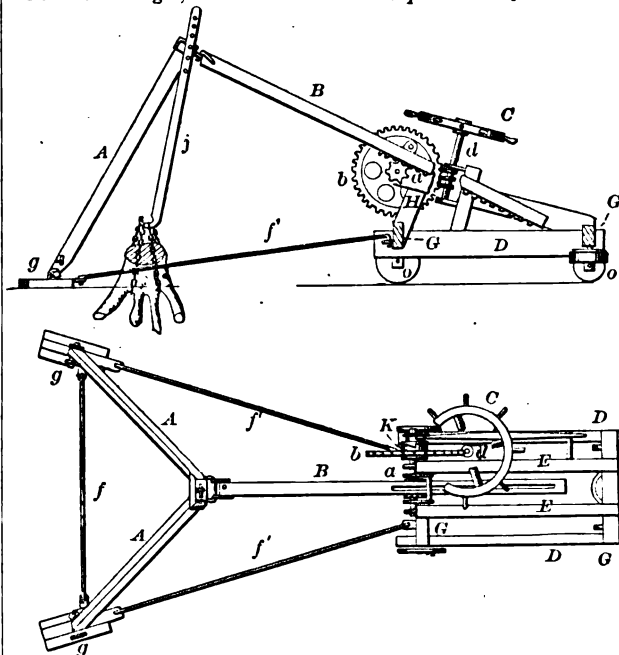
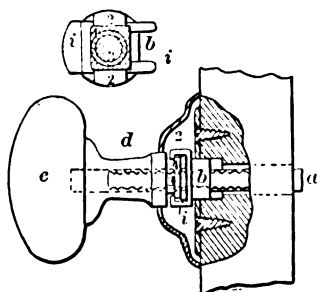
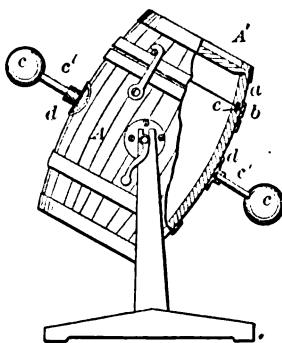
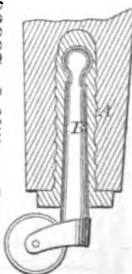


87061—R. Nutty—Rock Drilling Machine.

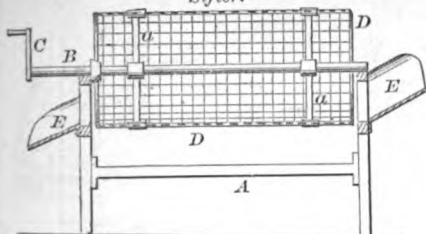


87067—M. J. Rico—Nail Cutting Machine.

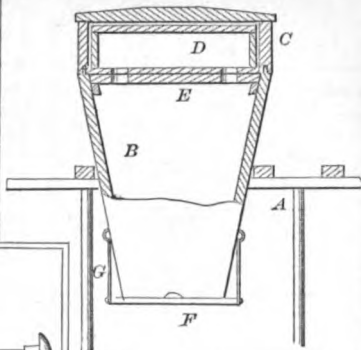


**86990**—A. J. McCrea—*Stump Extractor.***87000**—R. T. Osgood—*Stamp Canceler.***86994**—Metzger, Roraback & Flint—*Stump Extractor.***86995**—R. E. Miles—*Pad for Breast Collars.***86996**—A. Miller—*Steam Hammer Engine.***86998** W. T. Munger—*Attaching Knobs to Spindles.***86999**—R. Murphy—*Churn.***86997**—J. Miller—*Carters.*

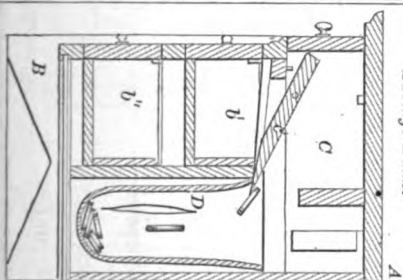
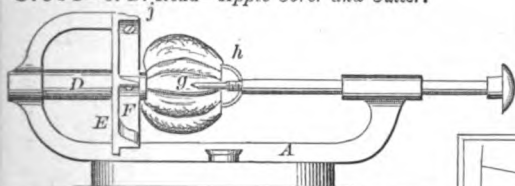
**87001—Perrine & Conover—Potato Assorter and Sifter.**



**87003—J. P. Praul—Beehive.**

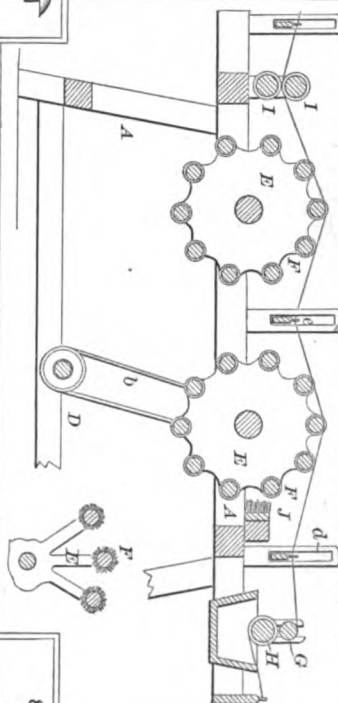
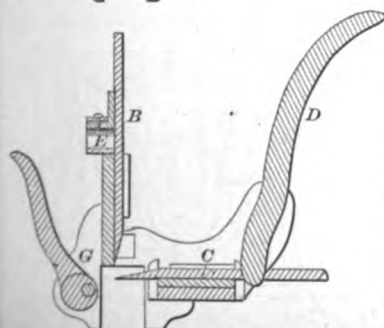
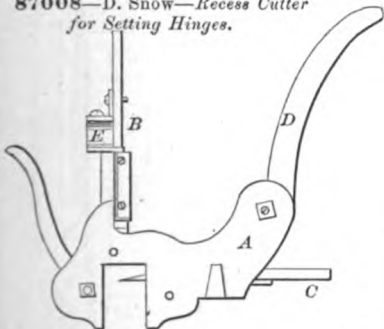


**87004—C. D. Read—Apple Corer and Cutter.**



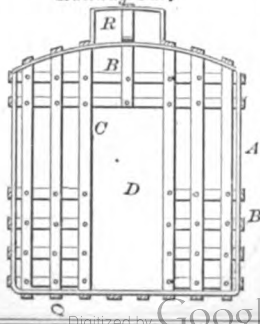
**87006—J. Serrill—Toy Savings Bank.**

**87008—D. Snow—Recess Cutter for Setting Hinges.**



**87007—S. & R. A. Semple—For Polishing and Dressing Thread.**

**87002—Power & Coyne—Railway Car.**

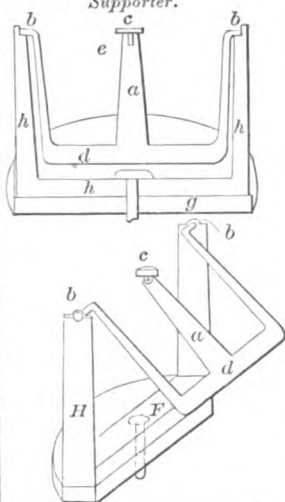


**87007—T. Smith—Concrete Pavement.**

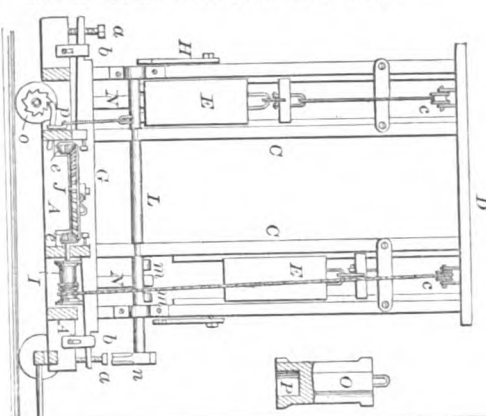




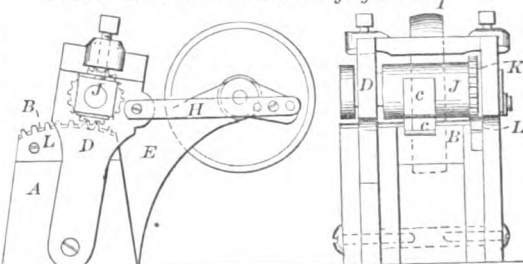
**87009**—C. W. Soule—*Shoe Supporter.*



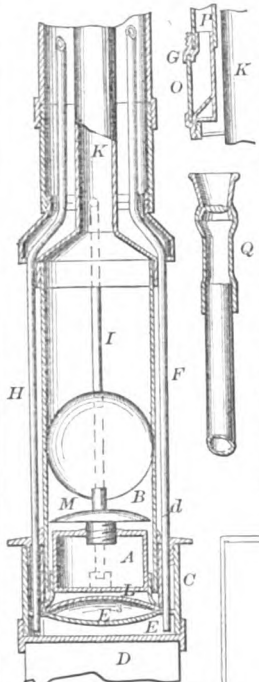
**87010**—Smith & Galbraith—*Pile Driver.*



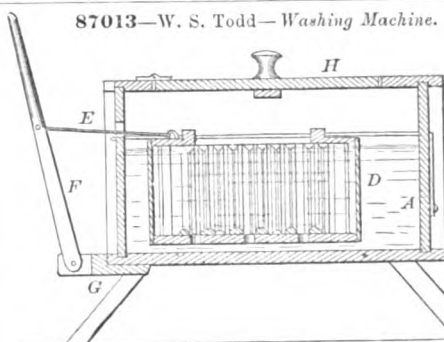
**87011**—J. F. Thomas—*For Seaging Rolls.*



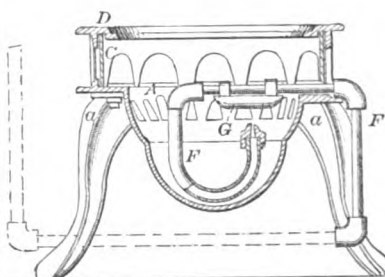
**87012**—H. Thompson—*Submarine Telescopic Lantern.*



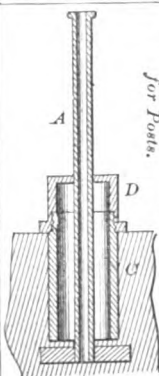
**87013**—W. S. Todd—*Washing Machine.*



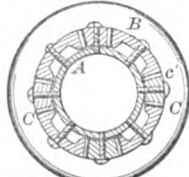
**87014**—W. C. Trowbridge—*Gas Heater.*



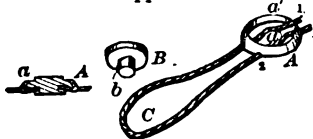
**87015**—S. T. Varian—*Frost Protector for Posts.*



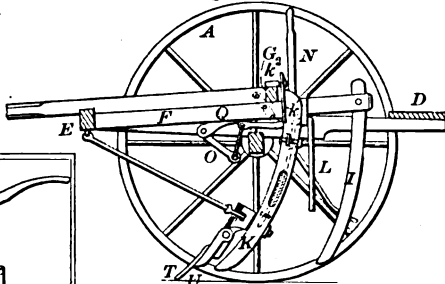
**87016**—Walters & Shaffer—*Column.*



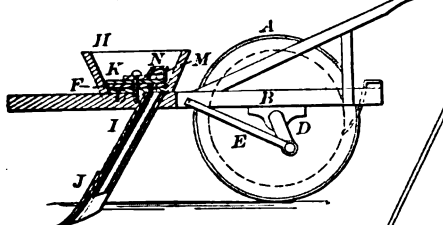
87017—J. Wappenstein—Metallic Seal.



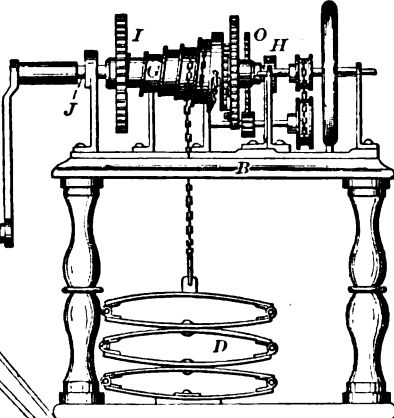
87019—B. F. Young—Cultivator.



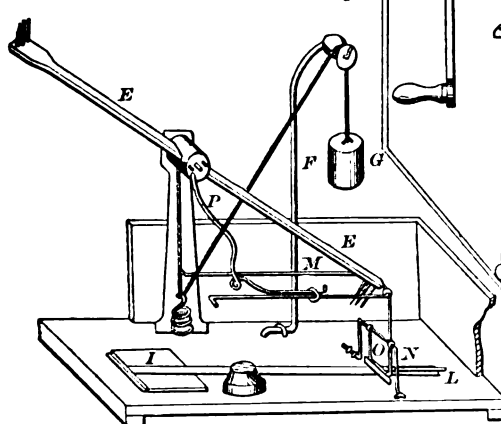
87018—D. D. Wood—Corn Planter.



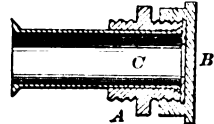
87020—J. Zuckerman—Motive Power.



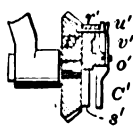
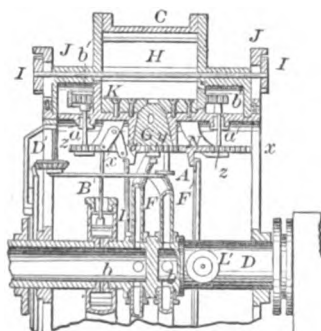
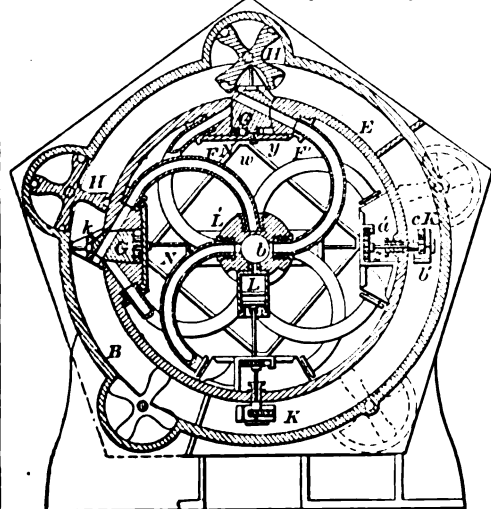
87022—T. J. Belford—Animal Trap.



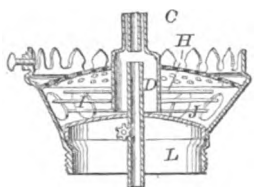
87021—G. W. Banker—Bung Tap.



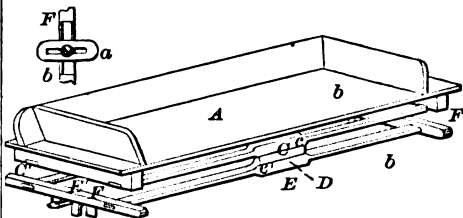
87023—J. M. Boorman—Rotary Steam Engine.



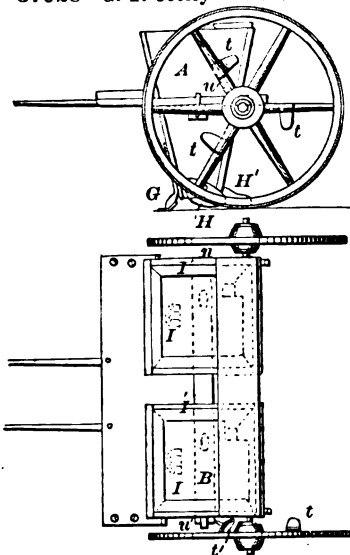
87024—D. T. Briggs—Lamp Burner.



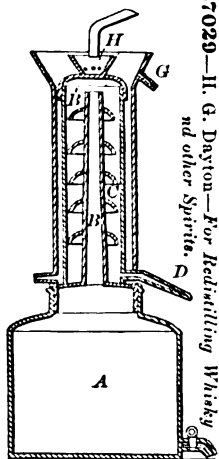
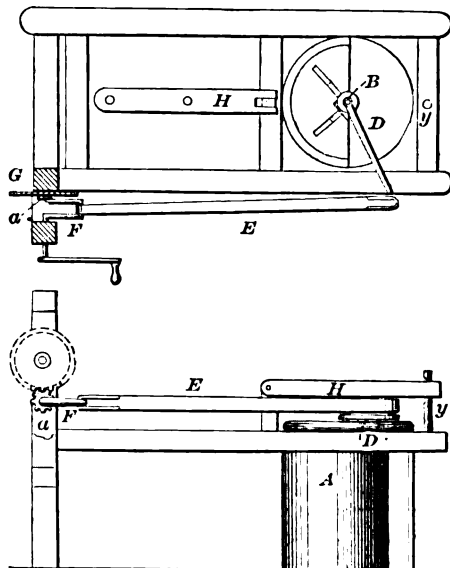
87026—I. H. Chappell—Wagon Seat.



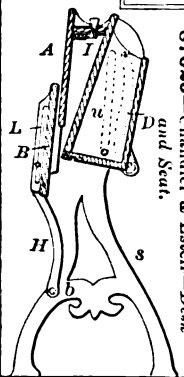
87028—G. T. Cooley—Corn Planter.



87027—M. Clifton—Churn.

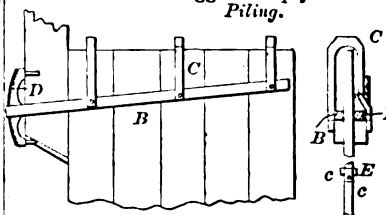


87029—H. G. Dayton—For Redistilling Whisky and other Spirits.

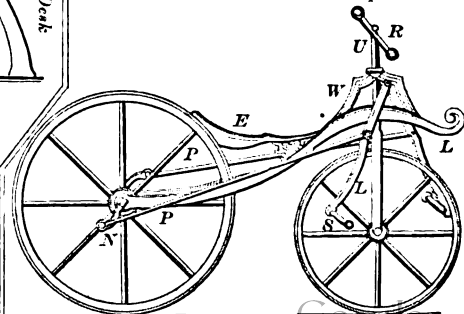


87025—Chandler &amp; Estell—Desk and Seat.

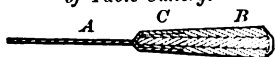
87030—S. B. Driggs—Lamp for Sheet Piling.



78033—S. F. Estell—Velocipede.

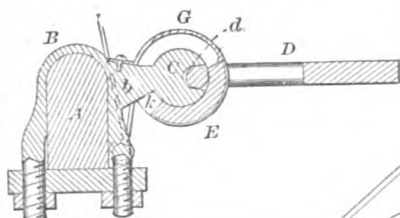
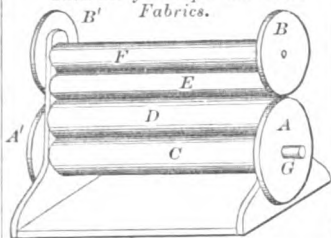
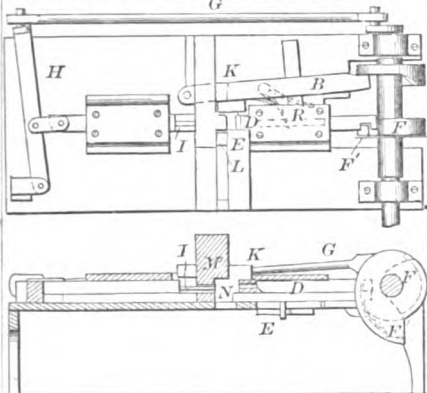


87032—A. E. Elmer—Construction of Table Cutlery.

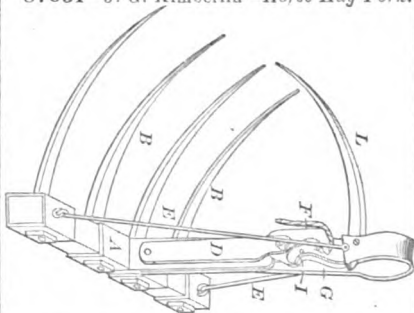




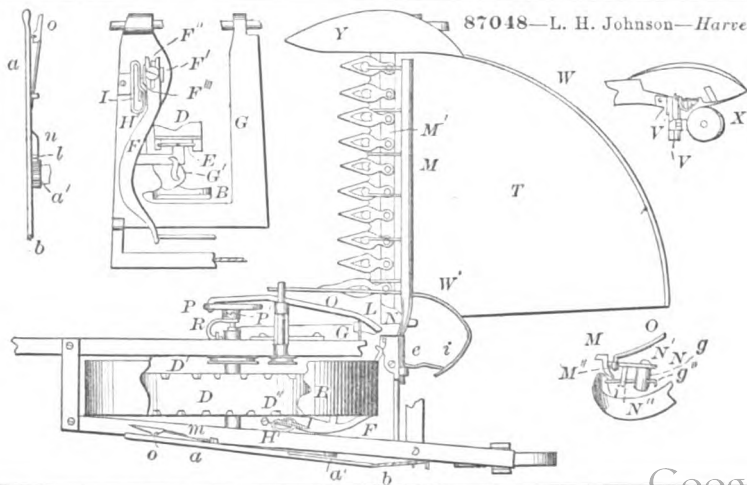
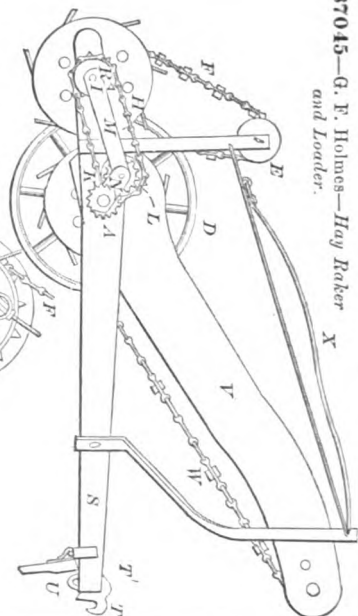
87047—M. Howe—Thill Coupling.

87044—Harding & Soley—  
Calender for Paper and other  
Fabrics.87046—W. Horsfall—For Making Nuts.  
G

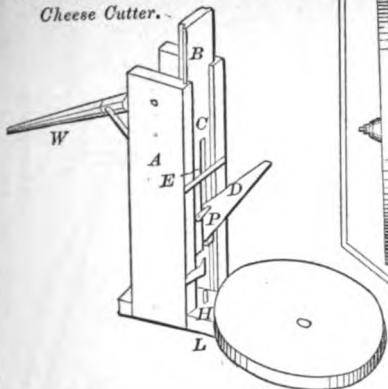
87051—J. G. Kimberlin—Horse Hay Fork.



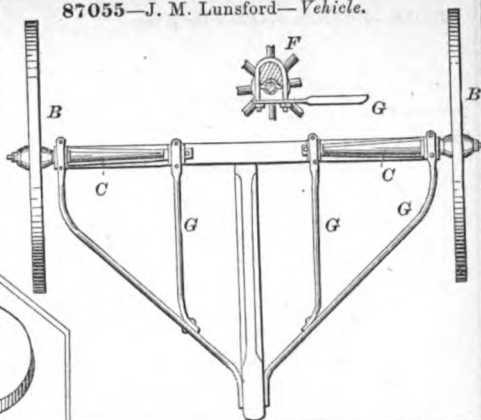
87048—L. H. Johnson—Harvester.

87045—G. F. Holmes—Hay Raker  
and Loader.

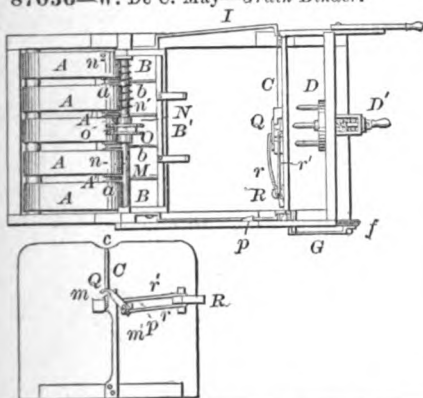
87049—G. C. & P. B. Jones—  
Cheese Cutter.



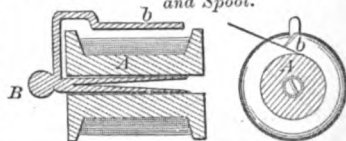
87055—J. M. Lunsford—Vehicle.



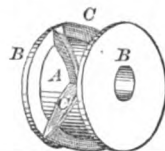
87056—W. De C. May—Grain Binder.



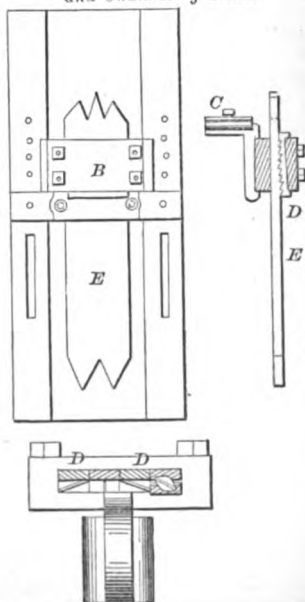
87057—W. C. McIntire—Thread Cutter  
and Spool.



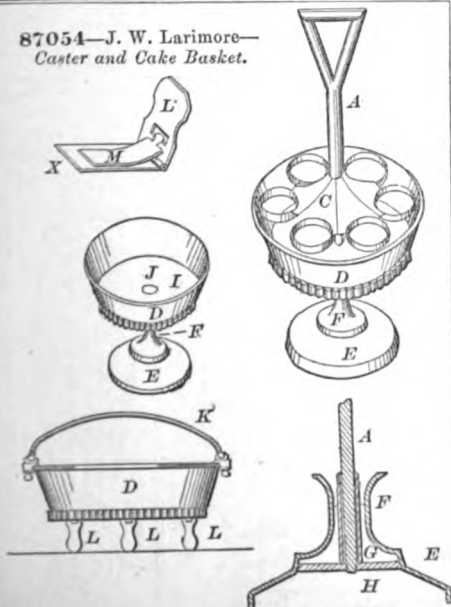
87052—B. Kuhns—Grain Drill.



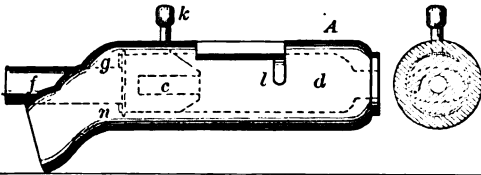
87053—E. G. Lamson—For Cutting  
and Channeling Stone.



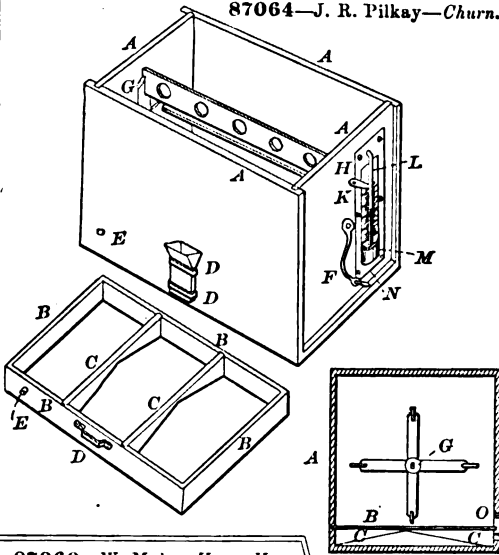
87054—J. W. Larimore—  
Caster and Cake Basket.



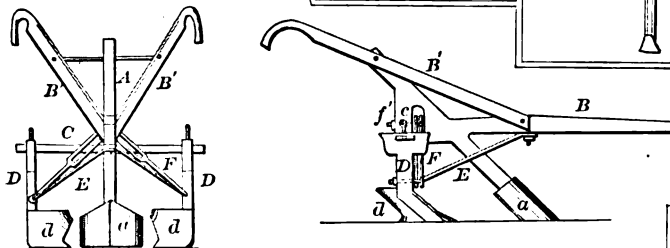
87058—L. A. Merriam—Fire Arm.



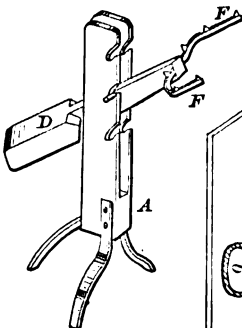
87064—J. R. Pilkay—Churn.



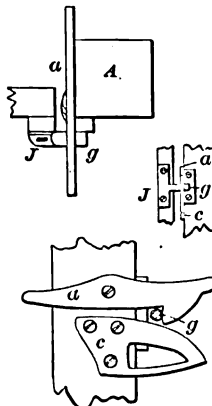
87060—W. Muir—Horse Hoe.



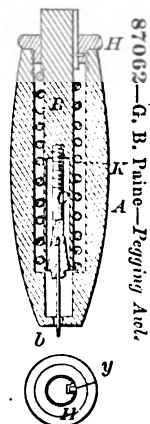
87059—P. Meyers—Bag Holder.



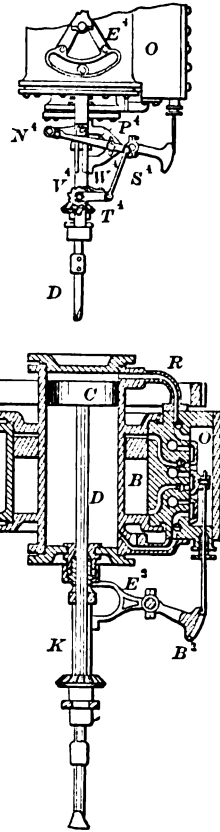
87063—C. W. Palmer—Shoe.



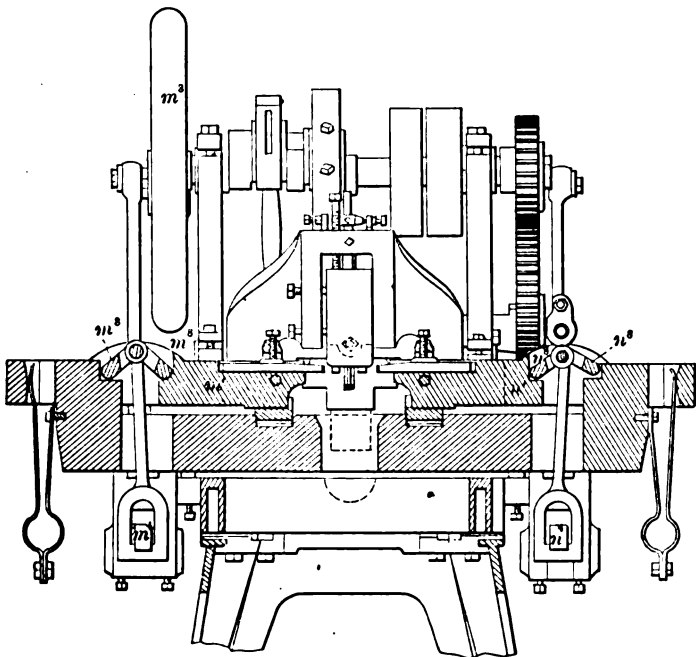
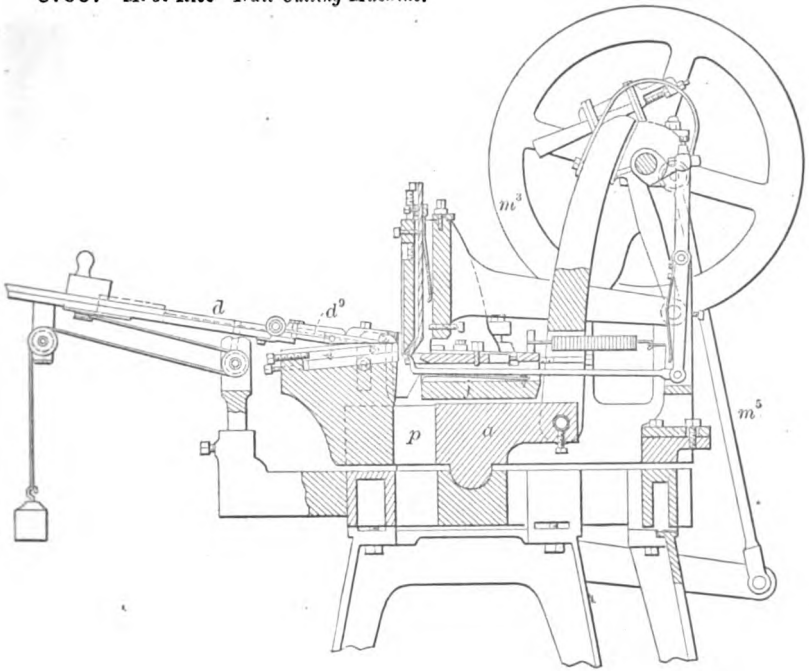
87065—W. Redhead—Gate Latch.



87061—R. Nulty—Rock Drilling Machine.

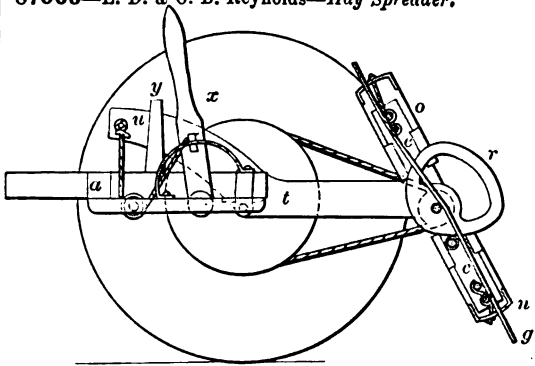


87067—M. J. Rice—Nail Cutting Machine.

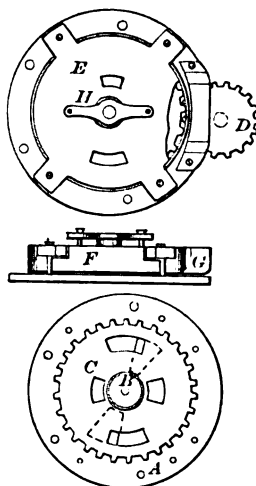




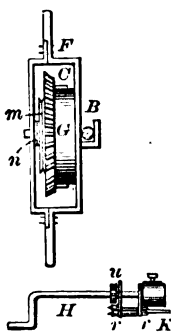
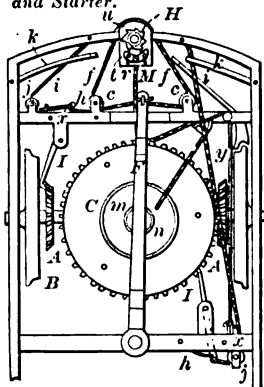
87066—E. D. &amp; O. B. Reynolds—Hay Spreader.



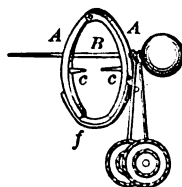
87073—W. G. Savage—Steam Engine.



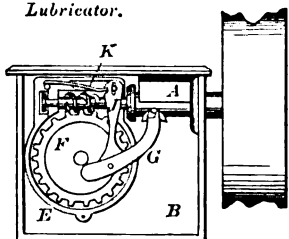
87068—I. Rider—Car Brake and Starter.



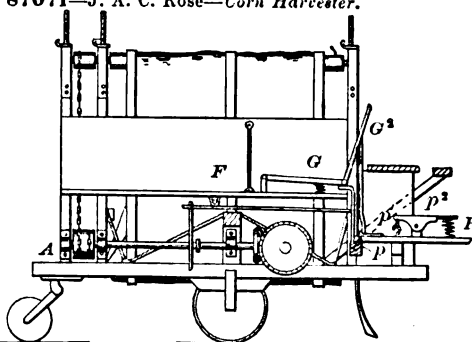
87072—C. Rowland—Hair Clasp.



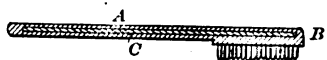
87069—C. M. Ried—Axle Box Lubricator.



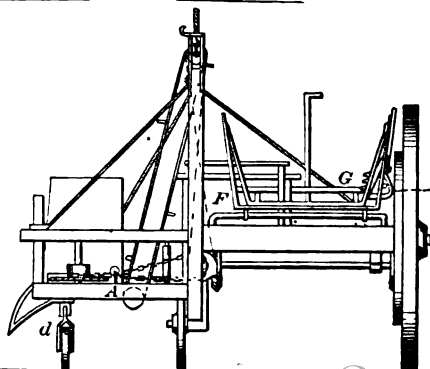
87071—J. A. C. Rose—Corn Harvester.



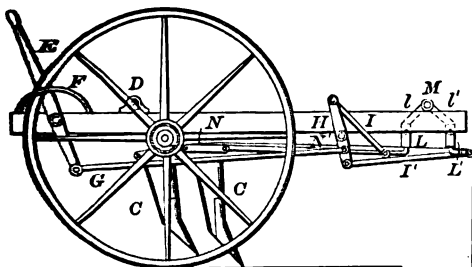
87070—C. Roberts—Tooth Brush.



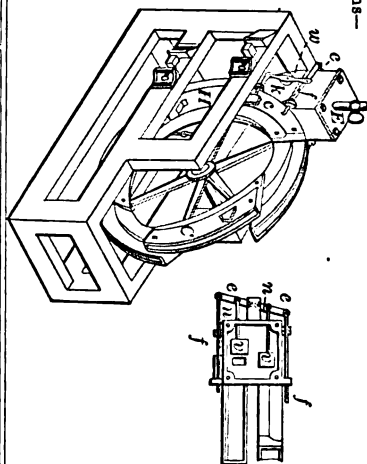
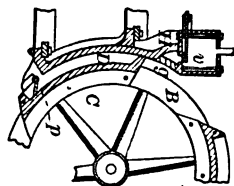
87075—W. F. Sherman—Repairing Crucibles.



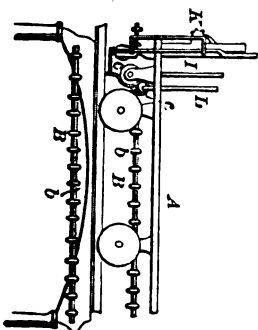
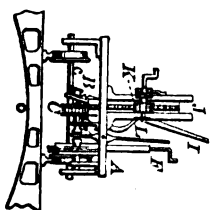
**87074**—P. I. & P. Schmitt—*Drill Teeth Setting.*



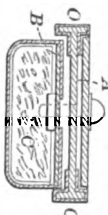
**87076**—Sumner & Youmans—*Rotary Steam Engine.*



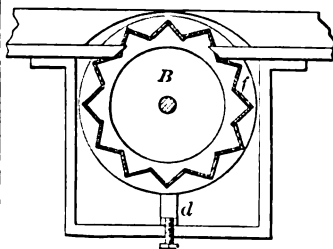
**87077**—Sutton & Crowell—*Elevated Railway.*



**87078**—H. C. Swift—*Harness Pad.*



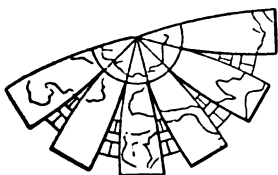
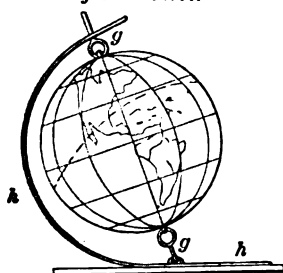
**87079**—H. Thomas—*Lubricator.*



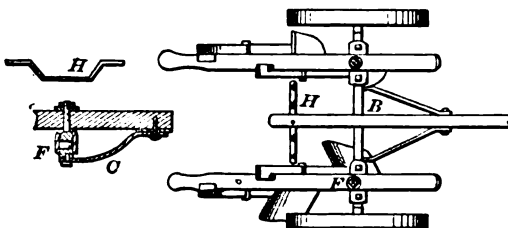
**87081**—C. Towns—*Belt Clasp.*

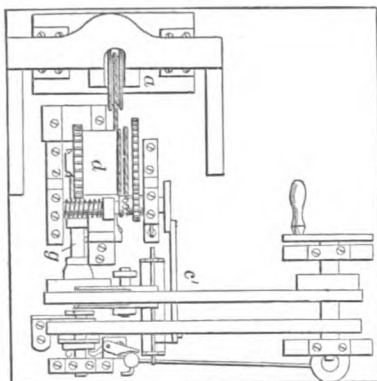
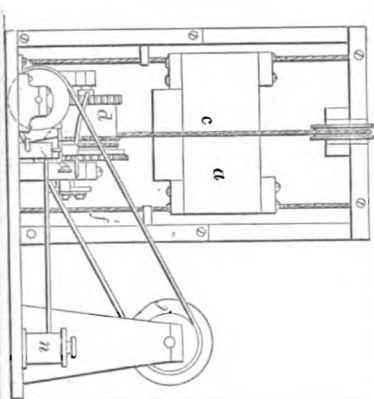


**87082**—D. Townsend—*Folding Card Globe.*



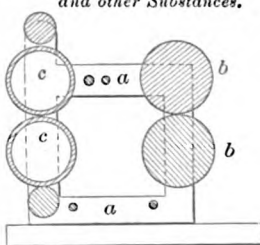
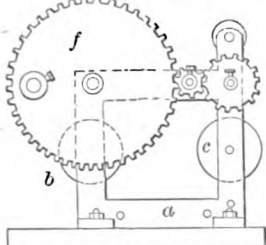
**87080**—J. B. Tipton—*Cultivator.*



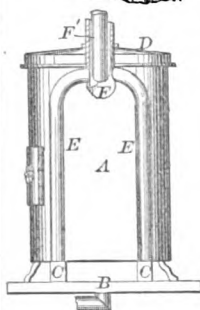
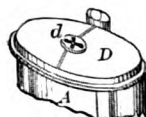


87083—O. Tufts, Jr.—Elektor.

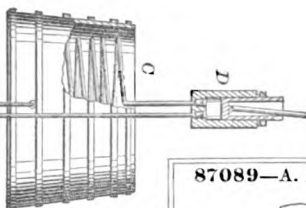
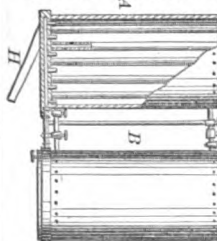
87087—G. S. Dwight—For Coating Cloth with India Rubber and other Substances.



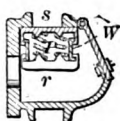
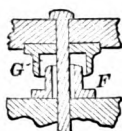
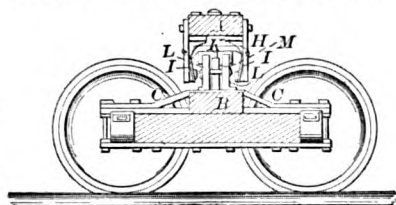
87085—J. S. White—Stove.



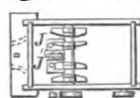
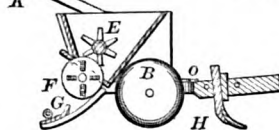
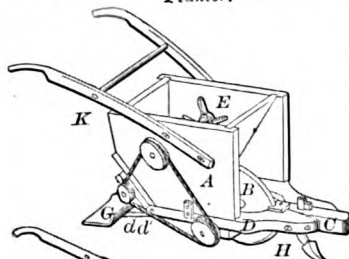
87084—P. H. V. Weyde—For the Manufacture of Ice.



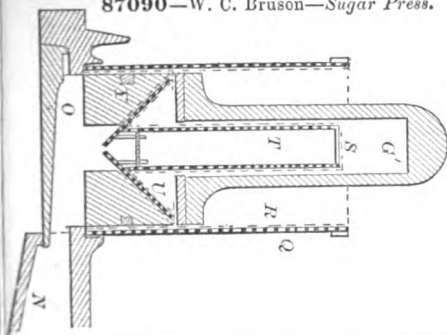
87086—T. L. Wilson—Railway Car Truck.



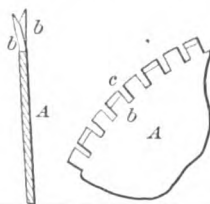
87089—A. D. Brown, Sr.—Cotton Seed Planter.



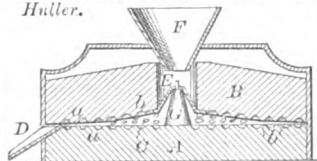
87090—W. C. Bruson—Sugar Press.



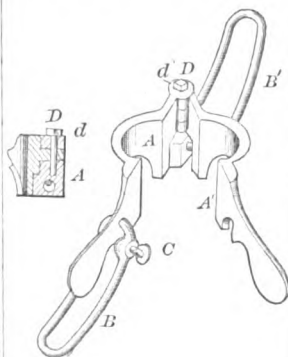
87092—P. Cook—Saw Teeth.



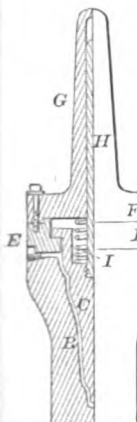
87093—A. Crawford—Buckwheat Huller.



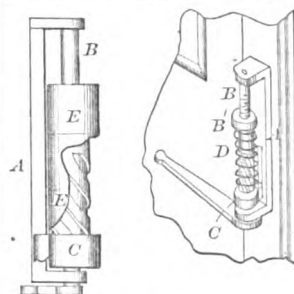
87097—D. Fisher—Clamp for Elevating Well Tubes.



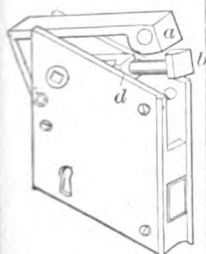
87091—E. N. Cleaves—Mould for Casting Metals.



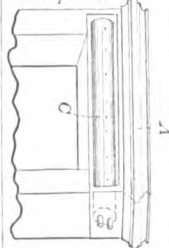
87095—W. Duncan—Door Spring.



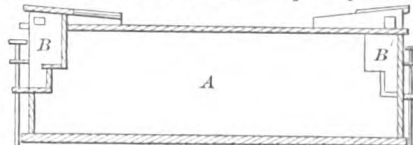
87096—B. Erbe—Knob Latch.



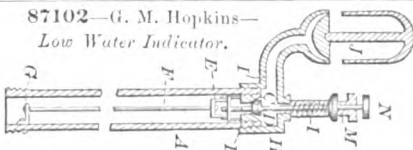
87099—E. Hampton—Fireplace.



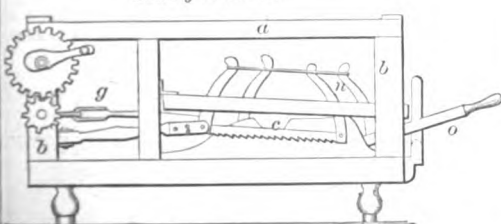
87098—W. A. Goodwin—Railway Freight Car.



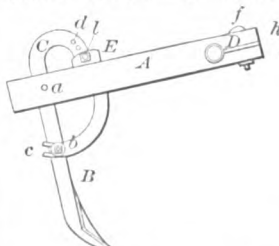
87102—G. M. Hopkins—Low Water Indicator.

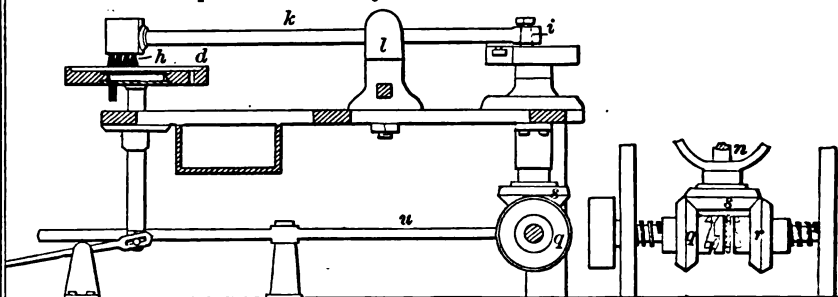
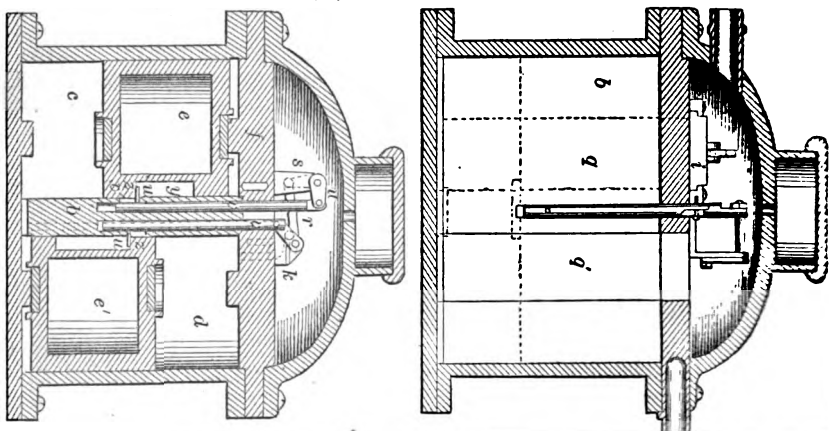
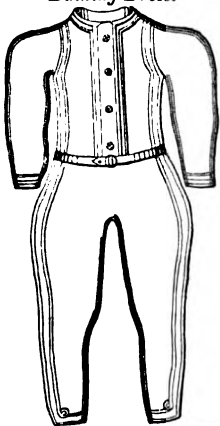
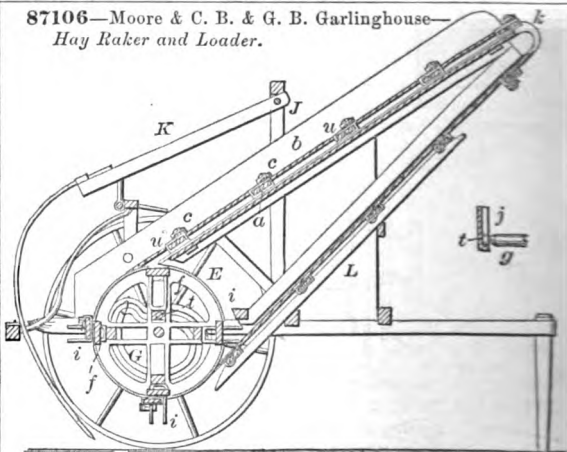
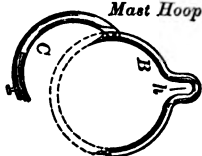
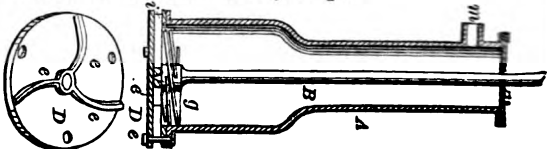


87100—G. M. D. & B. E. Harreld—Wood Sawing Machine.

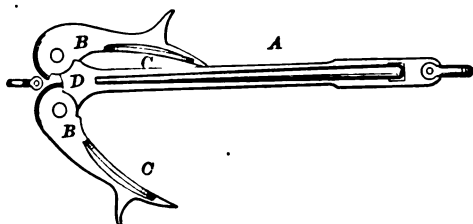


87101—J. Harris—Cultivator.

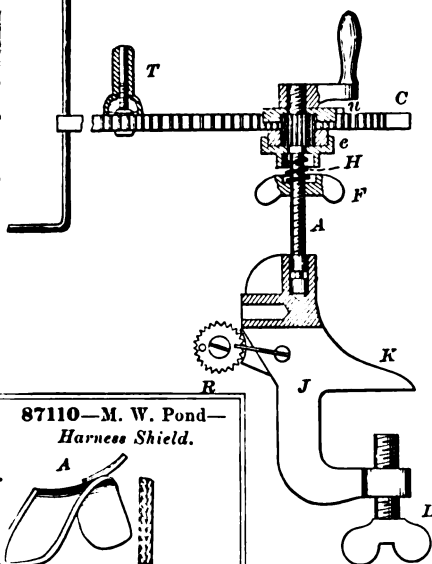


**87103—J. W. Hopkins—For Brushing Hats.****87104—H. B. Leach—Fluid Meter.****87107—O. Morse—  
Bathing Dress.****87106—Moore & C. B. & G. B. Garlinghouse—  
Hay Raker and Loader.****87105—W. T. Maddocks—  
Mast Hoop.****87108—J. Naughton—Rotary Pump.**

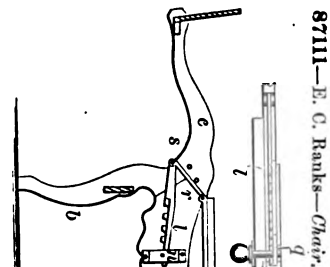
87109—G. Norton—Anchor.



87113—Ricker & Webber—Reel and Swift.

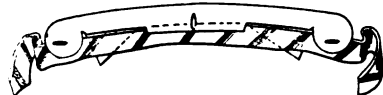


87110—M. W. Pond—Harness Shield.

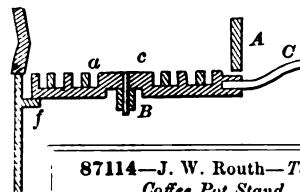


87111—E. C. Ranks—Chair.

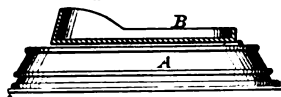
87116—C. W. Saladee—Collar.



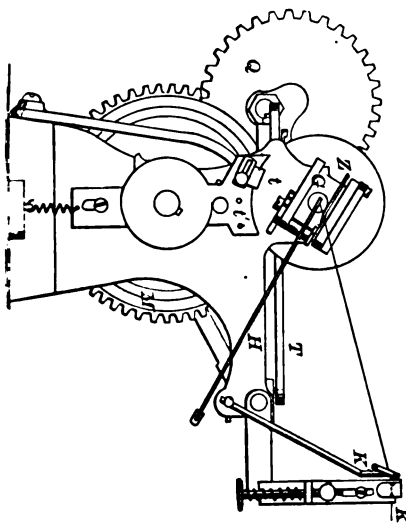
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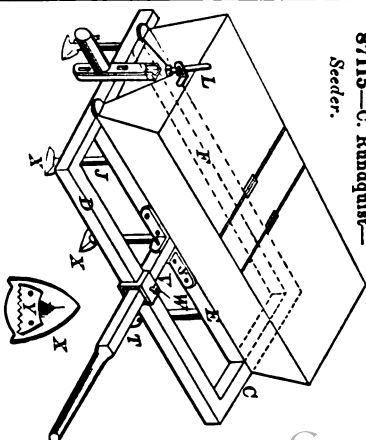
87114—J. W. Routh—Tea and Coffee Pot Stand.



87117—W. & A. Shedlock—For Winding Brail.



87115—C. Rundquist—Seeders.



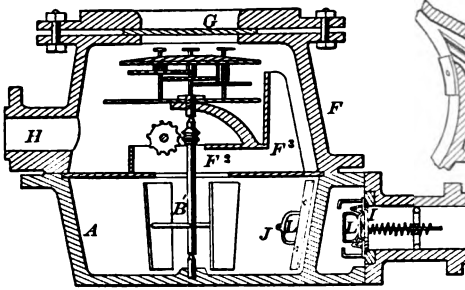
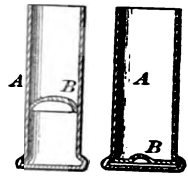
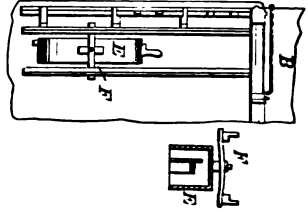
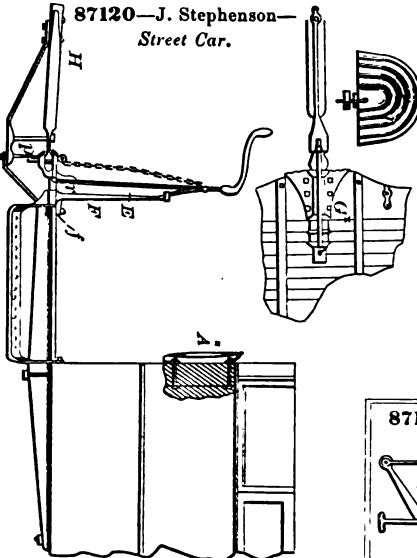
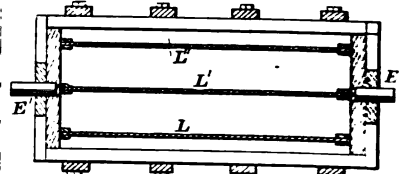
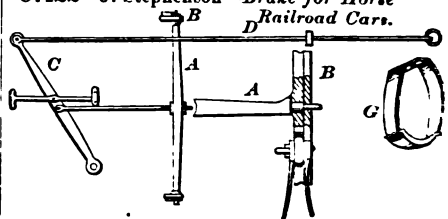
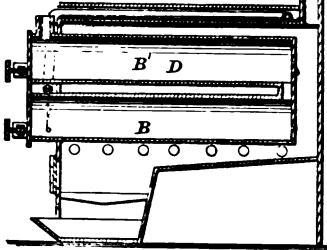
87118—J. Sheffield—*Fluid Meter.*87125—W. Tibbals—*Cartridge Case.*87121—J. Stephenson—*Street Car.*87120—J. Stephenson—*Street Car.*87119—S. Snyder—*Tanners' Leach.*87122—J. Stephenson—*Brake for Horse Railroad Cars.*87123—L. Stevens—*For Illuminating Gas.*87126—T. Walter—*Safety Guard for Railway Cars.*

Fig. 1

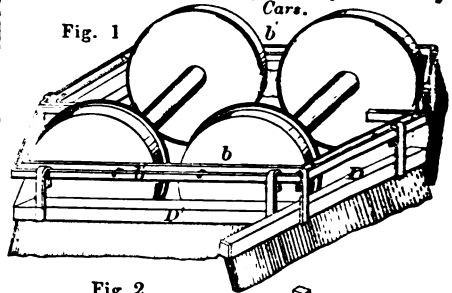
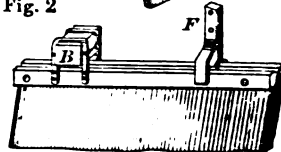
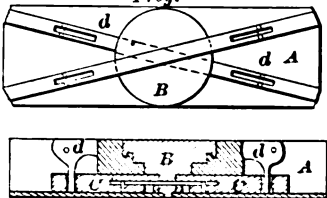
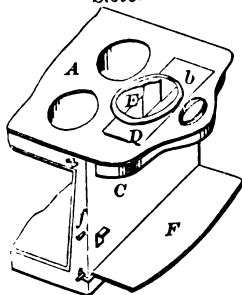


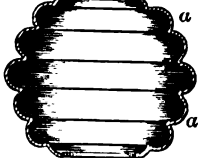
Fig. 2

87124—A. B. Thompson—*Railway Frog.*

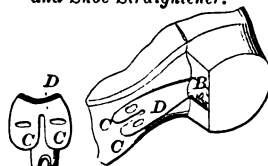
87127—W. H. Whitehead—*Stove.*



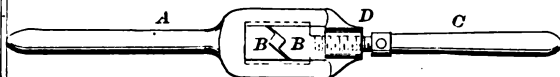
87128—H. Whitney—*Lamp Shade.*



87129—G. W. Wilford—*Boot and Shoe Straightener.*



87133—B. F. Bec—*Wrench.*



87130—D'Harcourt & Armand—*For Producing Heat and Light from Gases.*

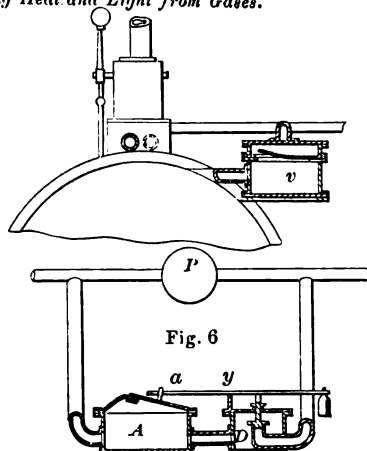
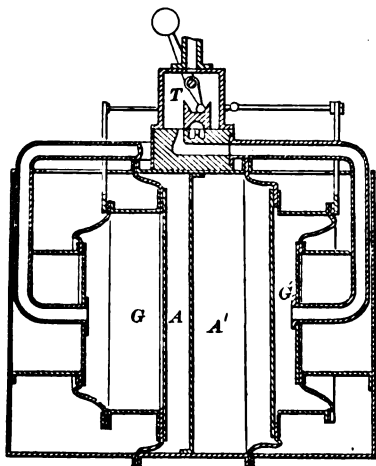
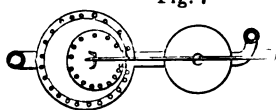
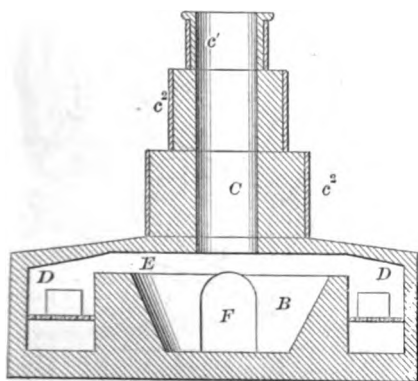


Fig. 6

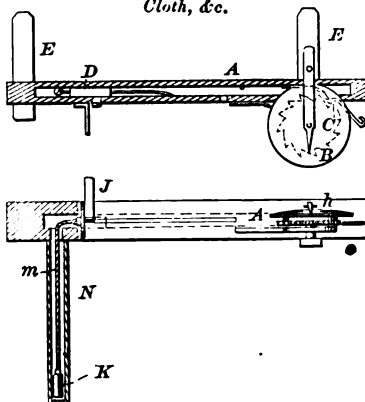
Fig. 7



87131—G. Atkins—*Lime Kiln.*

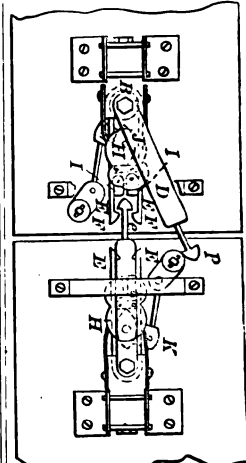
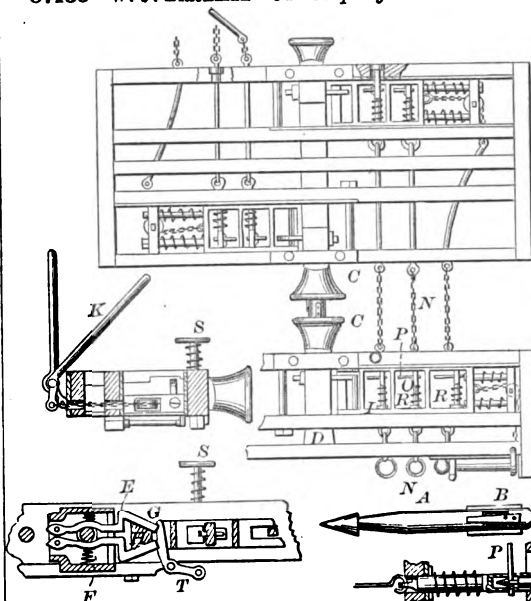


87134—T. Bisbing—*For Measuring Cloth, &c.*





87135—W. J. Blackman—Car Coupling.

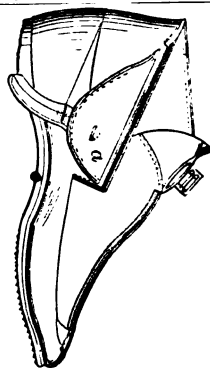
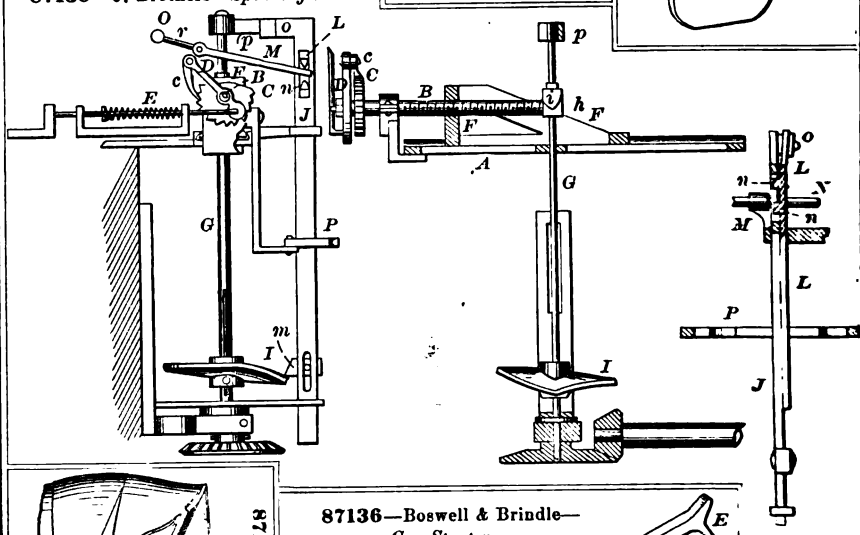


87142—Caldwell &amp; Wilcox—Car Coupling.

87141—B. Butler—Wedge for Axe Helves.

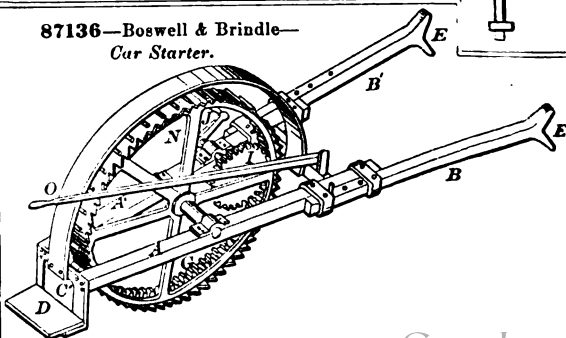


87138—O. Brothers—Spinning Jack.

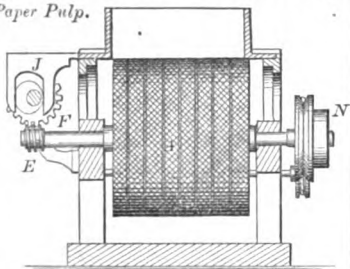


87137—A. O. Bourn—Overshoe.

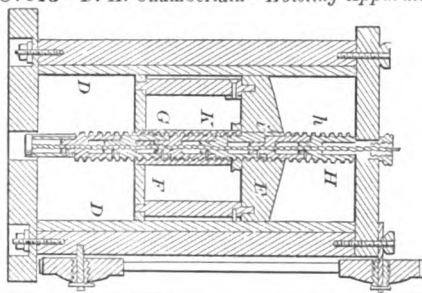
87136—Boswell &amp; Brindle—Car Starter.



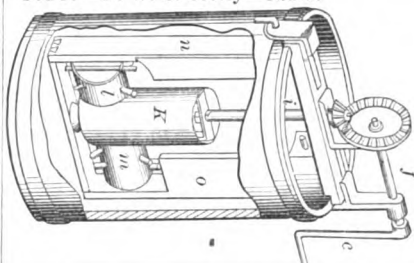
**87139**—F. Burghardt—*Manufacture of Paper Pulp.*



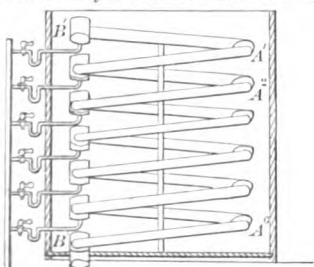
**87143**—D. H. Chamberlain—*Hoisting Apparatus.*



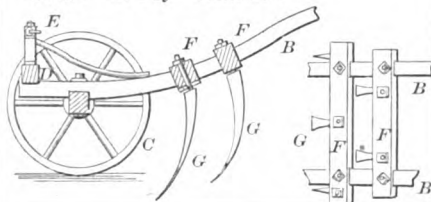
**87147**—De W. C. Cooley—*Churn.*



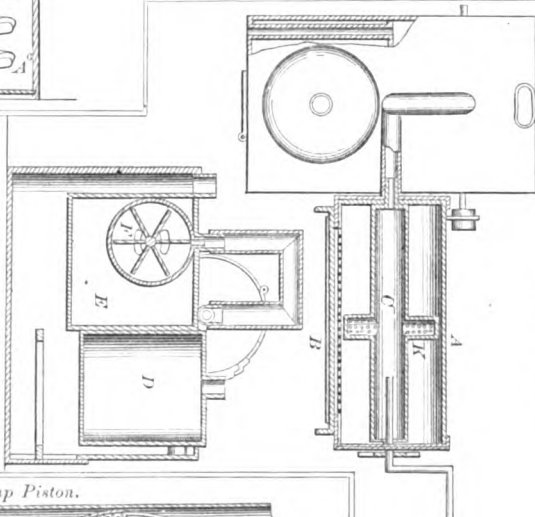
**87144**—J. F. Collins—*Rectifier and Condenser for Alcoholic and other Spirits.*



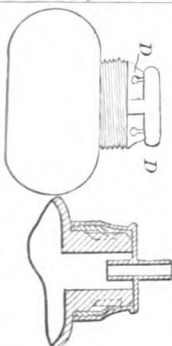
**87151**—W. Day—*Cultivator.*



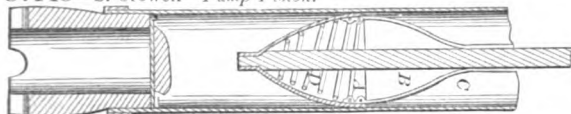
**87145**—E. Colvin—*Feather Renovator.*



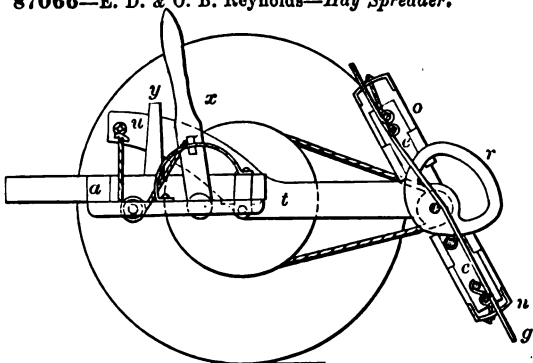
**87146**—J. Cook—*Sieve Collar for Connecting Coners to Glass Vessels.*



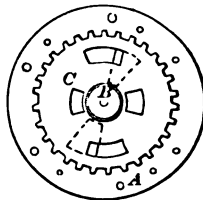
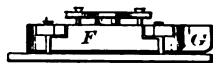
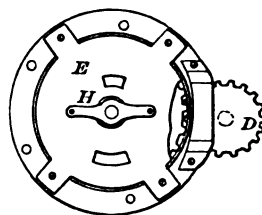
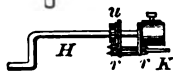
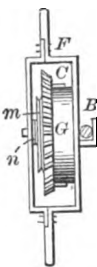
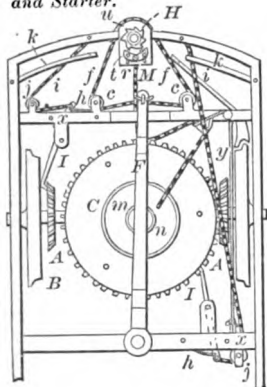
**87148**—S. Crowell—*Pump Piston.*



87066—E. D. &amp; O. B. Reynolds—Hay Spreader.

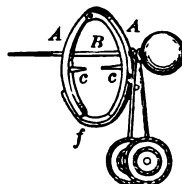


87068—I. Rider—Car Brake and Starter.

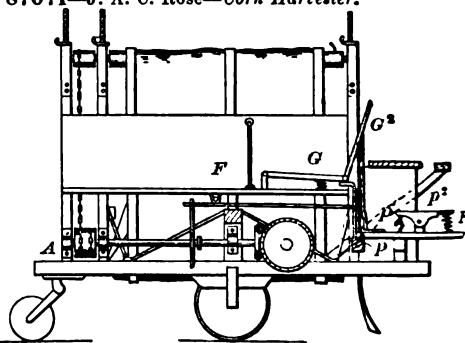


87073—W. G. Navingo—Steam Engine.

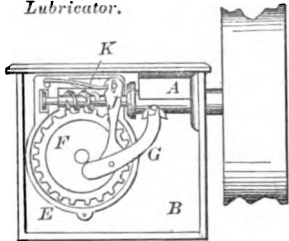
87072—C. Rowland—Hair Clasp.



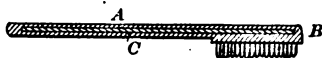
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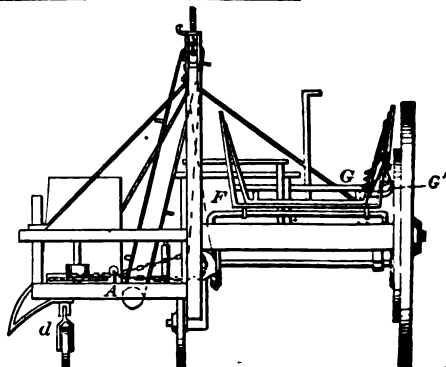
87069—C. M. Ried—Axle Box Lubricator.



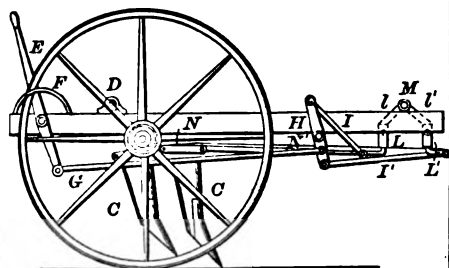
87070—C. Roberts—Tooth Brush.



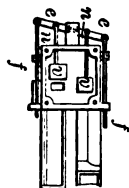
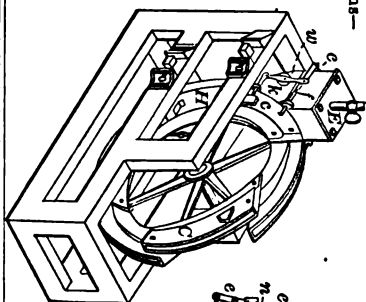
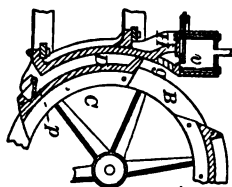
87075—W. F. Sherman—Repairing Crucibles.



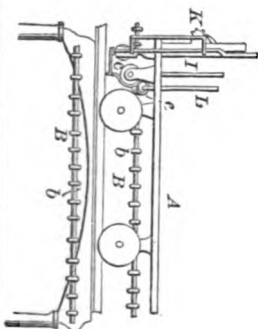
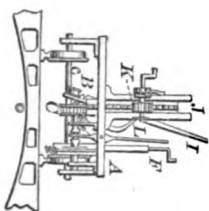
87074—P. I. & P. Schmitt—Drill Teeth Setting.



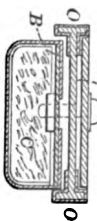
87076—Sumner & Youmans—  
Rotary Steam Engine.



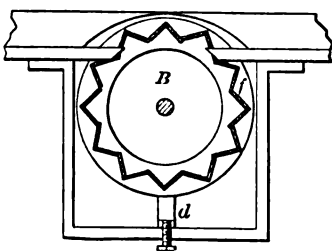
87077—Sutton & Crowell—Elevated Railway.



87078—H. C. Swift—Harness Pad.



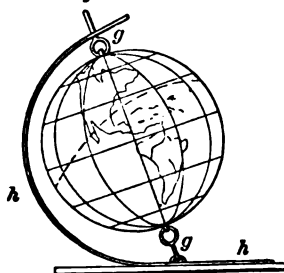
87079—H. Thomas—Lubricator.



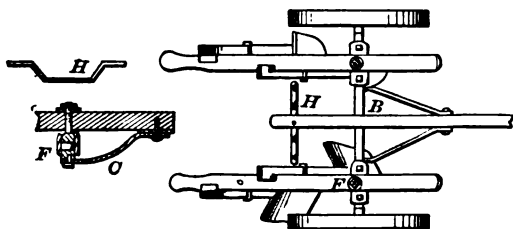
87081—C. Towns—Belt Clasp.

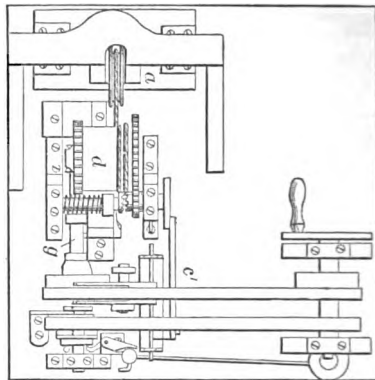
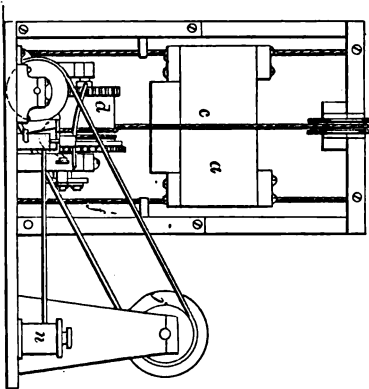


87082—D. Townsend—  
Folding Card Globe.



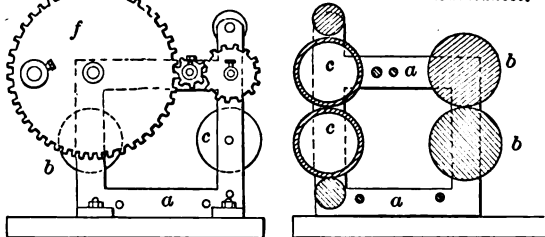
87080—J. B. Tipton—Cultivator.



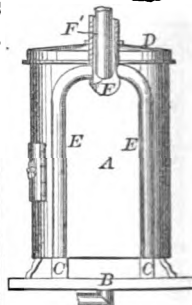
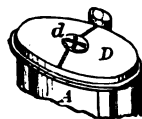


87083—O. Tuffin, Jr.—Elevator.

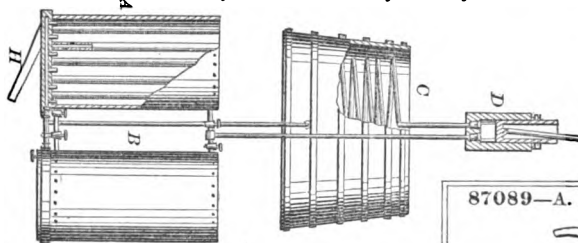
87087—G. S. Dwight—For Coating Cloth with India Rubber and other Substances.



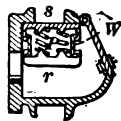
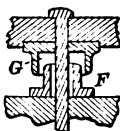
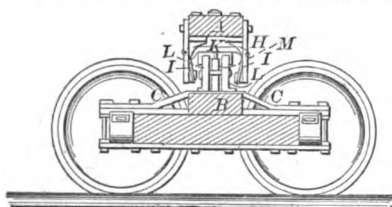
87085—J. S. White—Store.



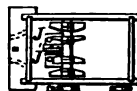
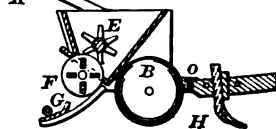
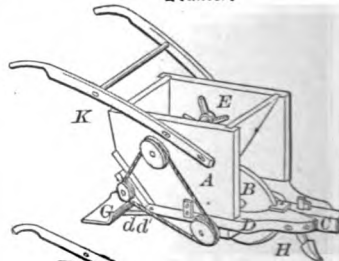
87084—P. H. V. Weyde—For the Manufacture of Ice.



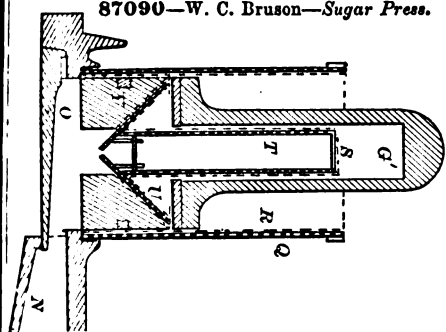
87086—T. L. Wilson—Railway Car Truck.



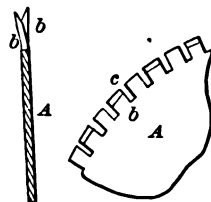
87089—A. D. Brown, Sr.—Cotton Seed Planter.



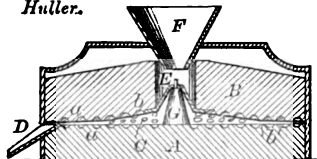
87090—W. C. Bruson—Sugar Press.



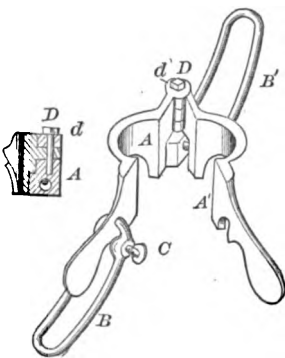
87092—P. Cook—Saw Teeth.



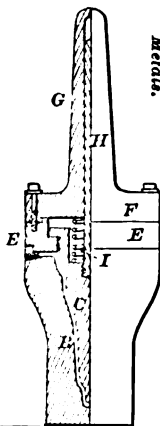
87093—A. Crawford—Buckwheat Huller.



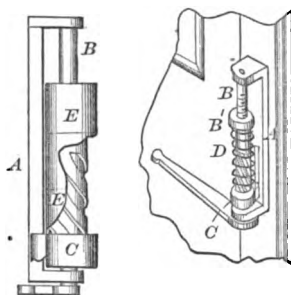
87097—D. Fisher—Clamp for Elevating Well Tubes.



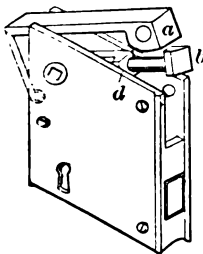
87091—E. N. Gloves—Mould for Casting Metals.



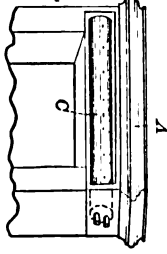
87095—W. Duncan—Door Spring.



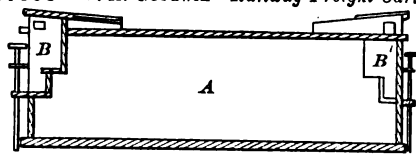
87096—B. Erbe—Knob Latch.



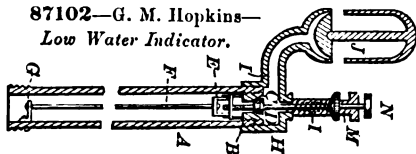
87099—E. Hampton—Fireplace.



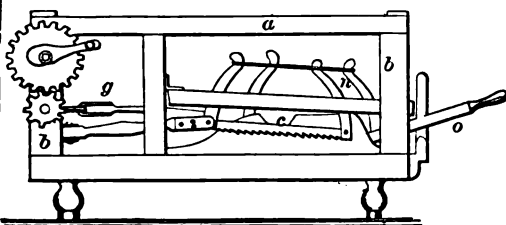
87098—W. A. Goodwin—Railway Freight Car.



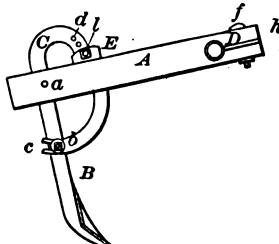
87102—G. M. Hopkins—Low Water Indicator.



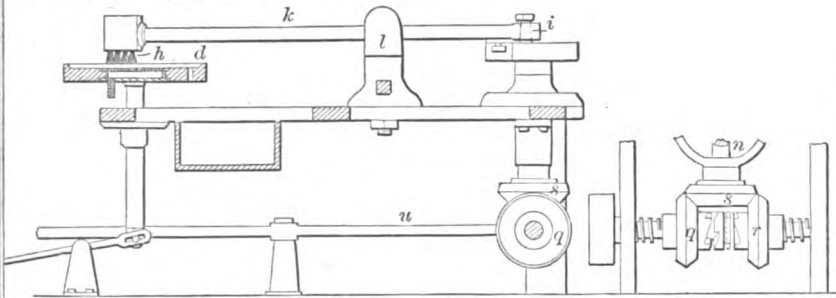
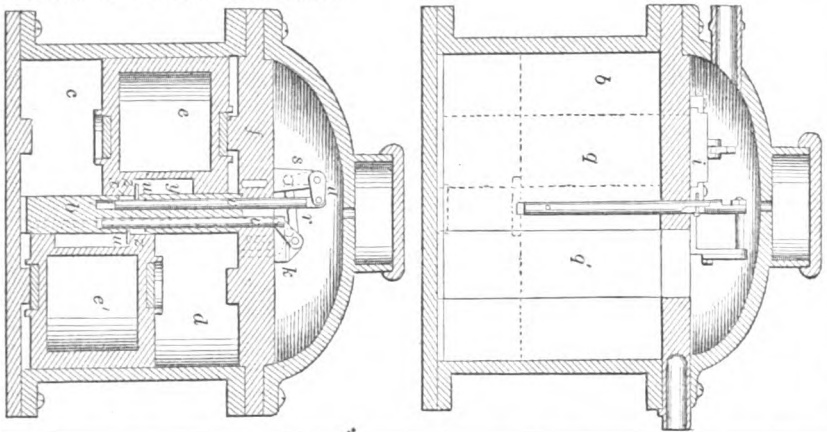
87100—G. M. D. & B. E. Harrold—Wood Sawing Machine.



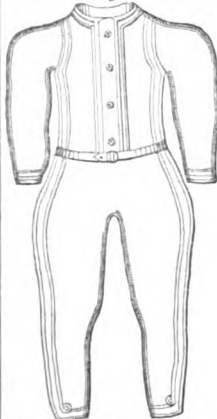
87101—J. Harris—Cultivator.



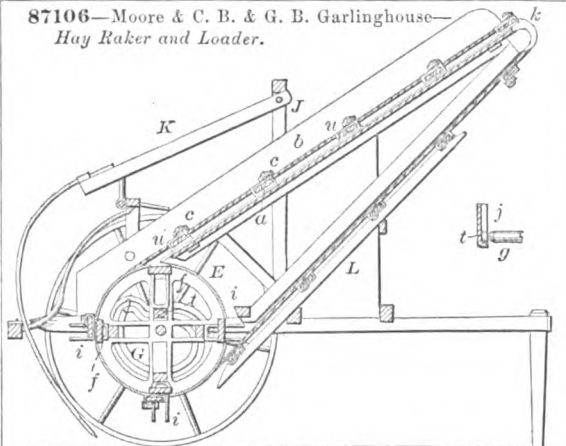
87103—J. W. Hopkins—*For Brushing Hats.*

87104—H. B. Leach—*Fluid Meter.*

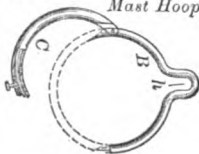
87107—O. Morse—  
*Bathing Dress.*



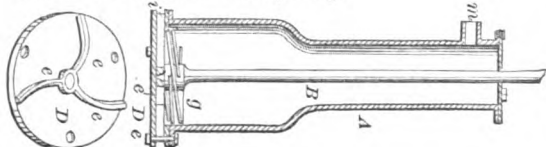
**87106**—Moore & C. B. & G. B. Garlinghouse—  
*Hay Raker and Loader.*



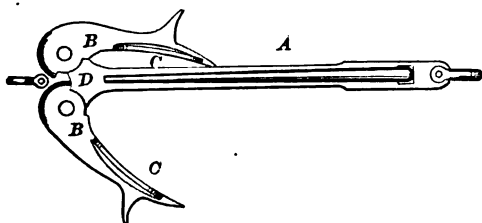
87105—W. T. Maddocks—  
*Mast Hoop.*



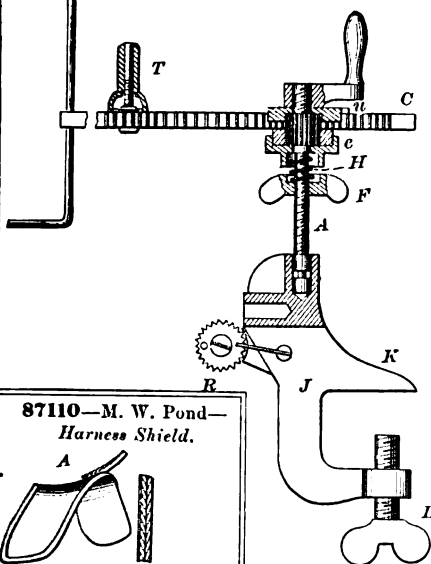
87108—J. Naughton—*Rotary Pump.*



87109—G. Norton—Anchor.



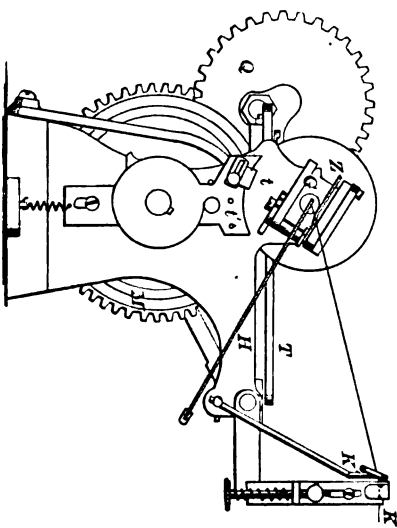
87113—Ricker & Webber—Reel and Swift.



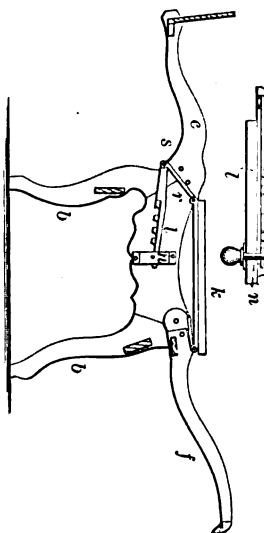
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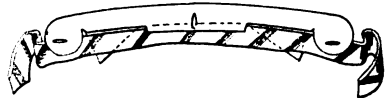
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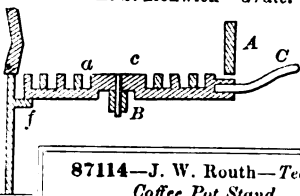
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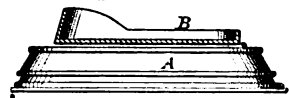
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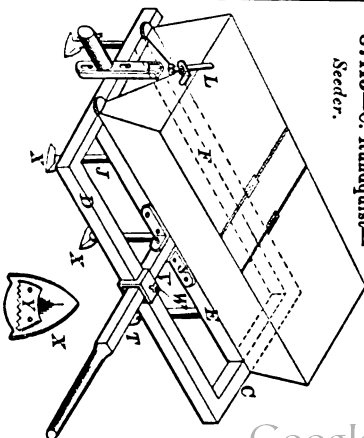
87112—E. S. Renwick—Grate.



87114—J. W. Routh—Tea and Coffee Pot Stand.



87115—C. Rundquist—Seeder.





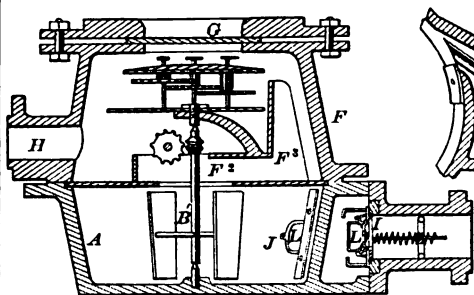
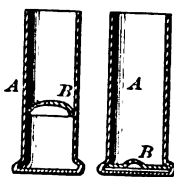
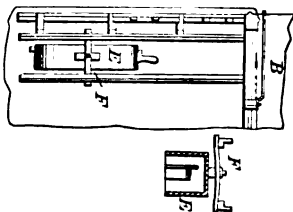
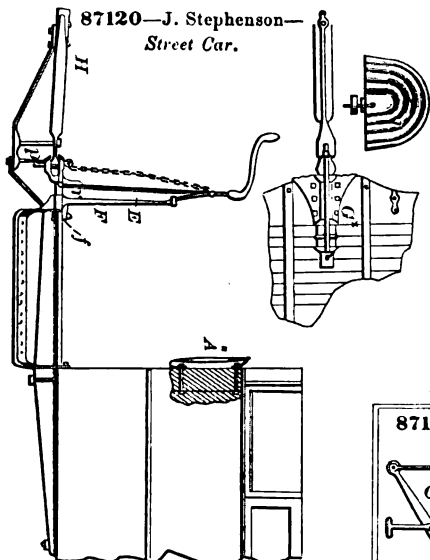
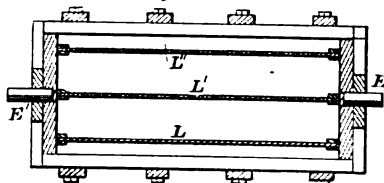
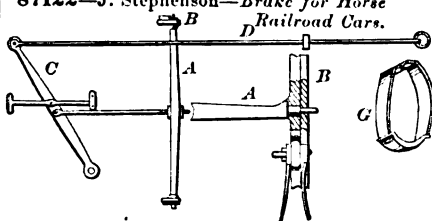
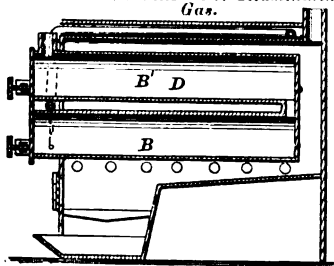
87118—J. Sheffield—*Fluid Meter.*87125—W. Tibbals—*Cartridge Case.*87121—J. Stephenson—*Street Car.*87120—J. Stephenson—*Street Car.*87119—S. Snyder—*Tanners' Leach.*87122—J. Stephenson—*Brake for Horse Railroad Cars.*87123—L. Stevens—*For Illuminating Gas.*87126—T. Walter—*Safety Guard for Railway Cars.*

Fig. 1

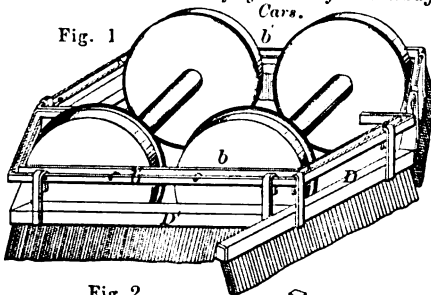
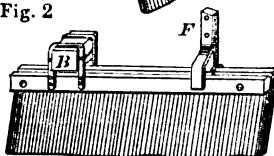
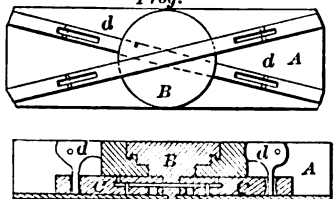
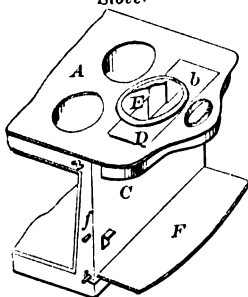


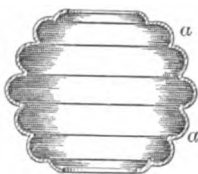
Fig. 2

87124—A. B. Thompson—*Railway Frog.*

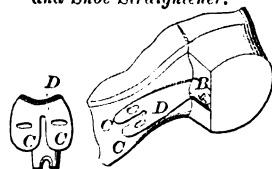
**87127**—W. H. Whitehead—*Stove.*



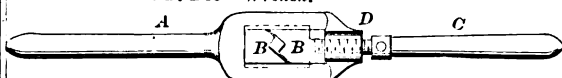
**87128**—H. Whitney—*Lamp Shade.*



**87129**—G. W. Wilford—*Boot and Shoe Straightener.*



**87133**—B. F. Bee—*Wrench.*



**87130**—D'Hurecourt & Armand—*For Producing Heat and Light from Gases.*

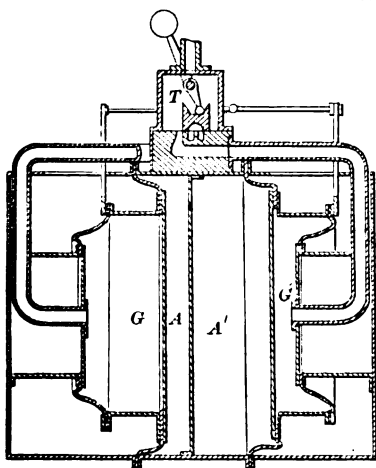


Fig. 7

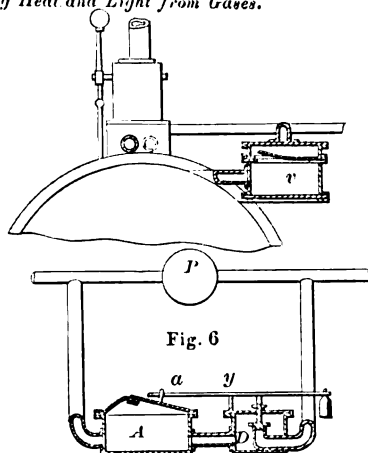
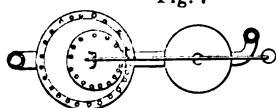
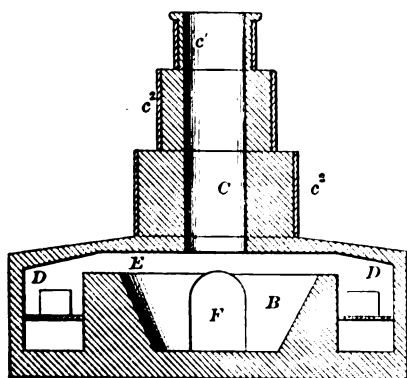
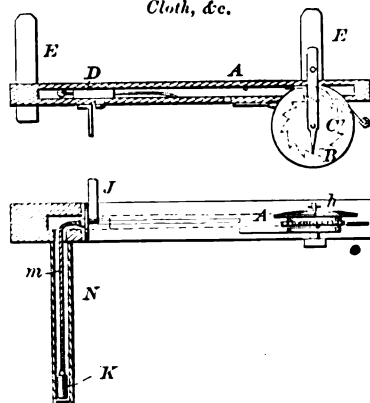


Fig. 6

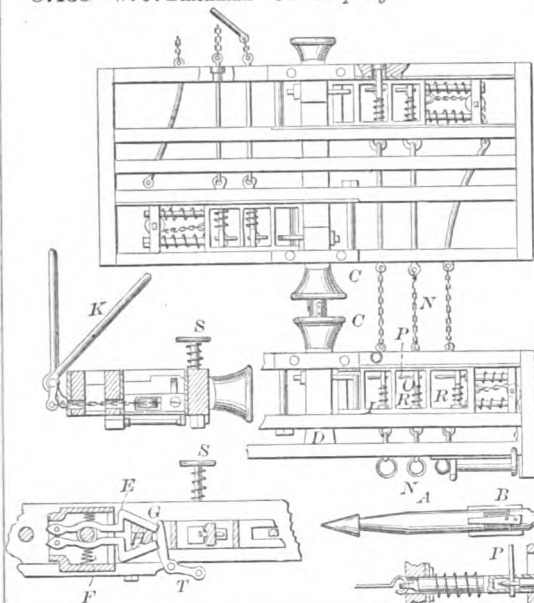
**87131**—G. Atkins—*Lime Kiln.*



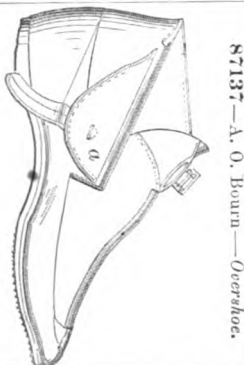
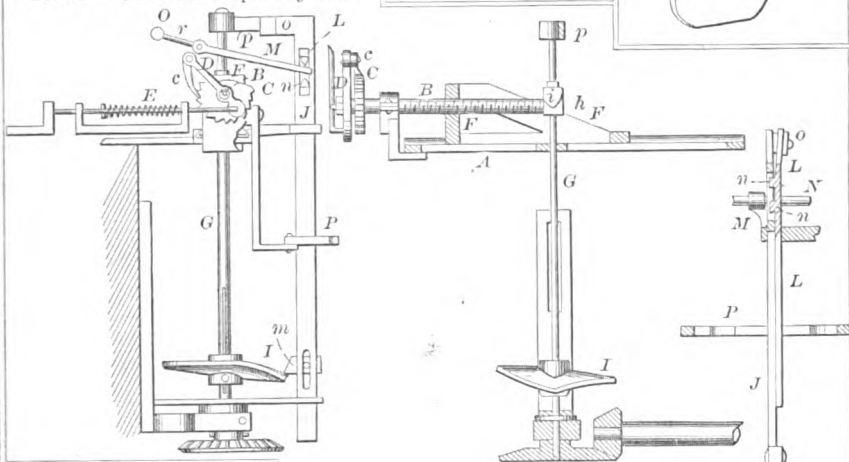
**87134**—T. Bisbing—*For Measuring Cloth, &c.*



87135—W. J. Blackman—Car Coupling.

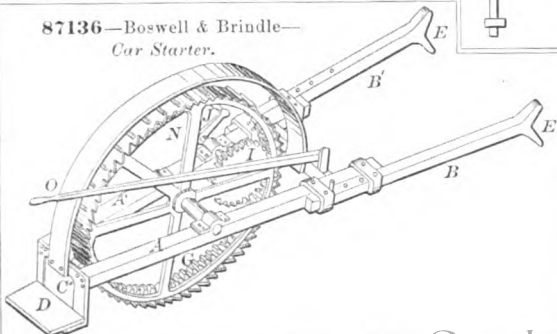


87138—O. Brothers—Spinning Jack.

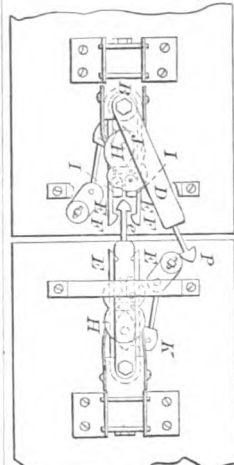


87137—A. O. Bourn—Overshoe.

87136—Boswell &amp; Brindle—Car Starter.



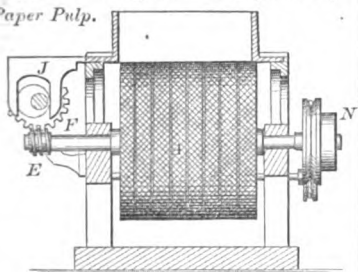
87142—Caldwell &amp; Wilcox—Car Coupling.



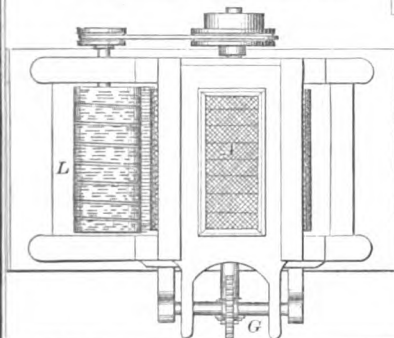
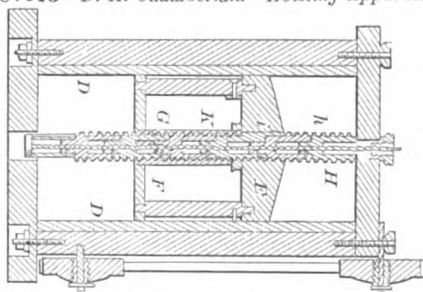
87141—B. Butler—Wedge for Axe Helves.



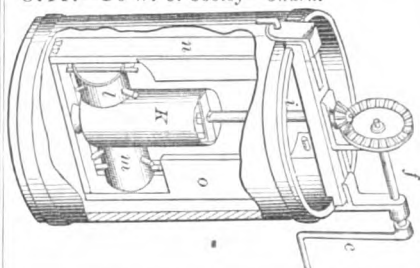
**87139**—F. Burghardt—*Manufacture of Paper Pulp.*



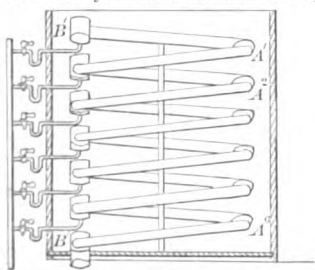
**87143**—D. H. Chamberlain—*Hoisting Apparatus.*



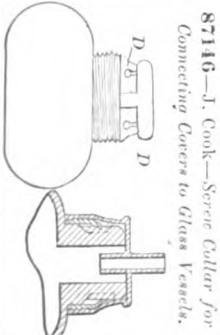
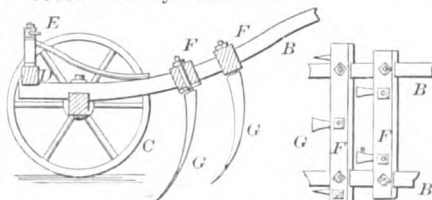
**87147**—De W. C. Cooley—*Churn.*



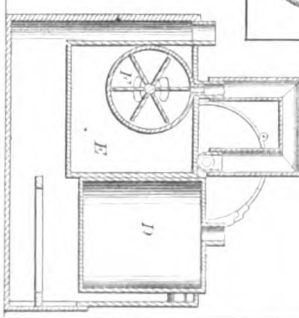
**87144**—J. F. Collins—*Rectifier and Condenser for Alcoholic and other Spirits.*



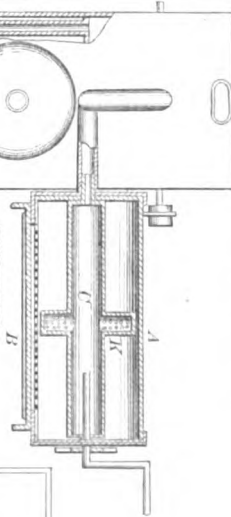
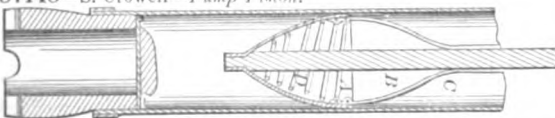
**87151**—W. Day—*Cultivator.*



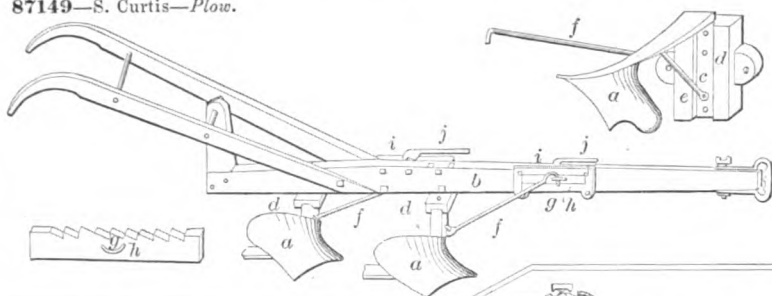
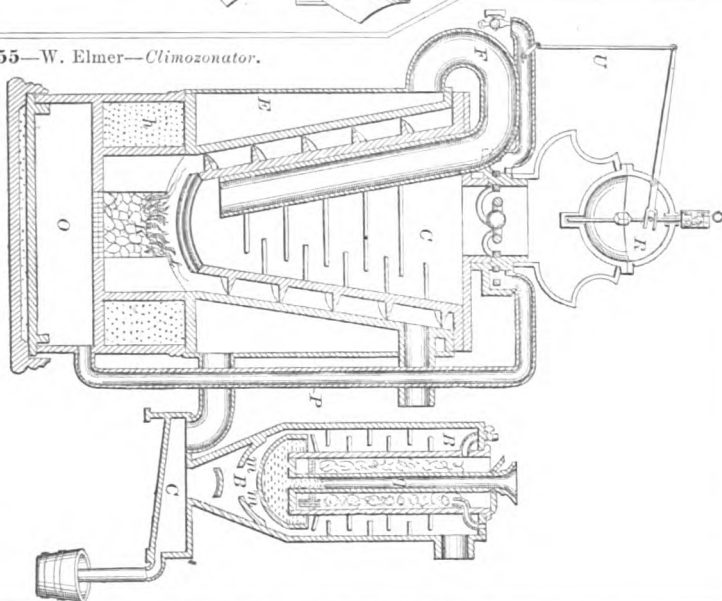
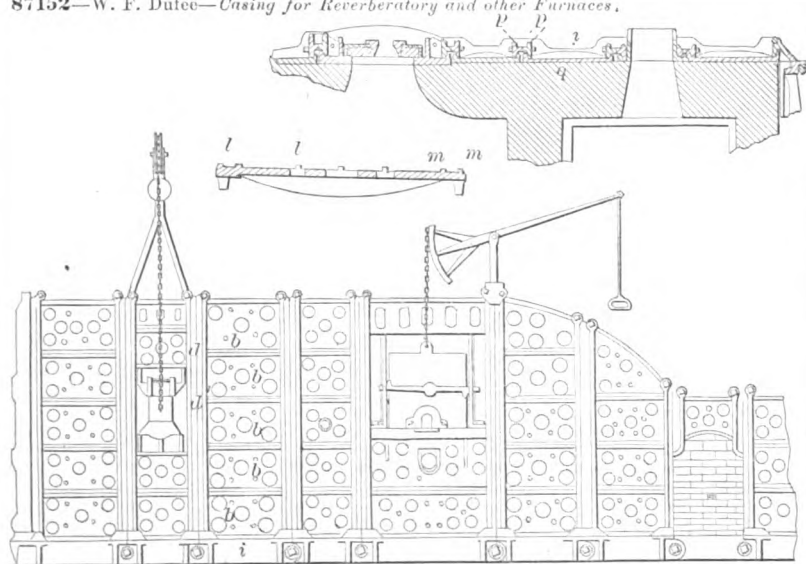
**87146**—J. Cook—*Screen Collar for Connecting Covers to Glass Vessels.*



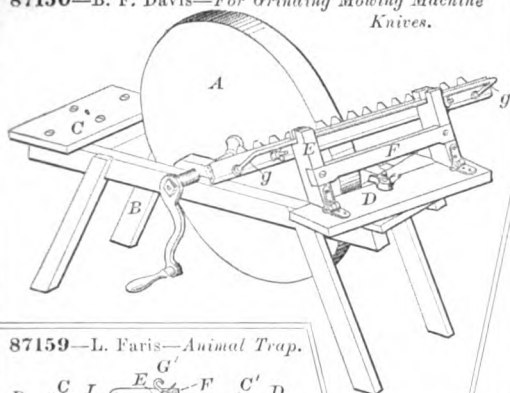
**87148**—S. Crowell—*Pump Piston.*



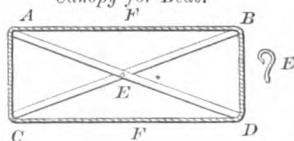
**87145**—E. Colvin—*Feather Remotor.*

87149—S. Curtis—*Plow*.87155—W. Elmer—*Climozonator*.87152—W. F. Dufee—*Casing for Reverberatory and other Furnaces*.

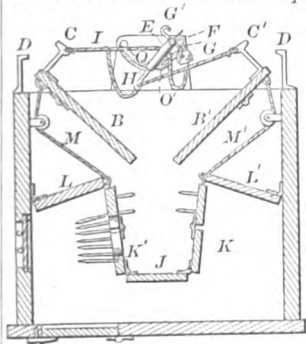
87150—B. F. Davis—For Grinding Mowing Machine Knives.



87154—W. B. Ellis—Mosquito Canopy for Beds.



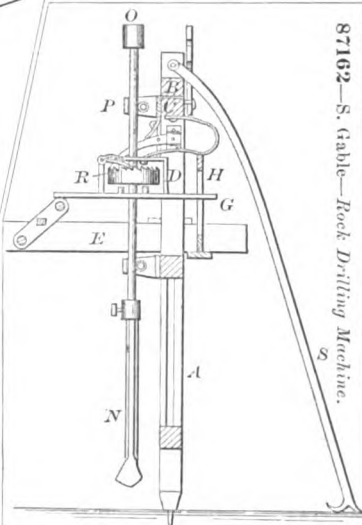
87159—L. Faris—Animal Trap.



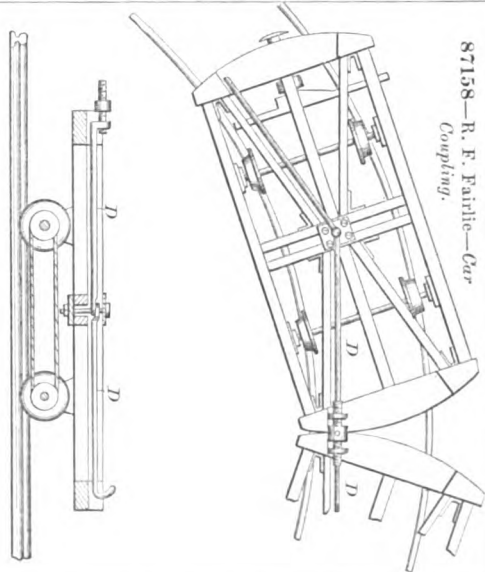
87163—P. Geier—Bang.



87162—S. Gable—Rock Drilling Machine.



87158—R. F. Fairlie—Car Coupling.



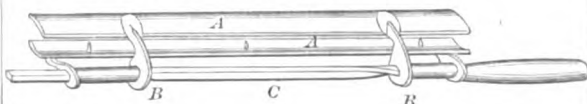
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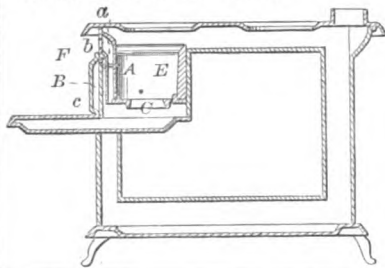
87164—J. J. Glitnan—Hat.



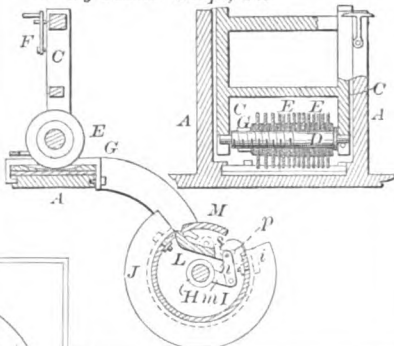
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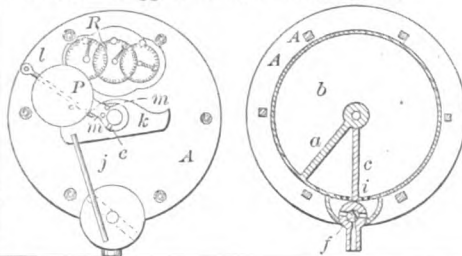
87165—C. O. Greene—Stove.



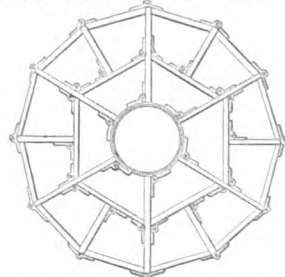
87167—Haberbush, Bentz &amp; Vogel—For Cutting Leather Straps, &amp;c.



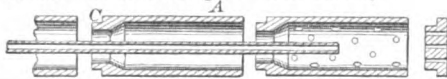
87166—Griggs &amp; Barrows—Water Meter.



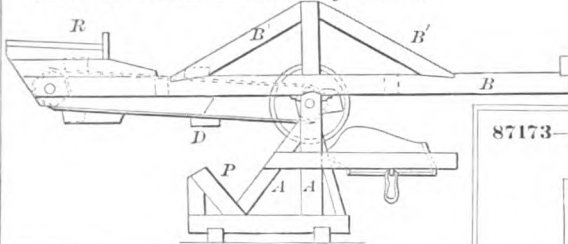
87171—O. A. Howe—Sectional Pier.



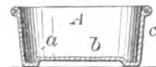
87172—W. T. Huntington—Well Curbing.



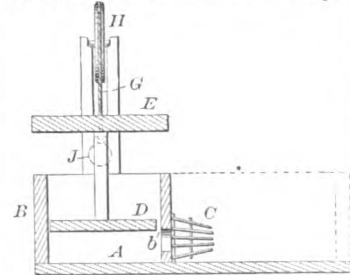
87168—P. W. Hamel—Excavating Machine.



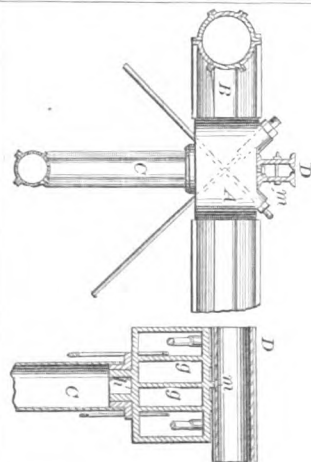
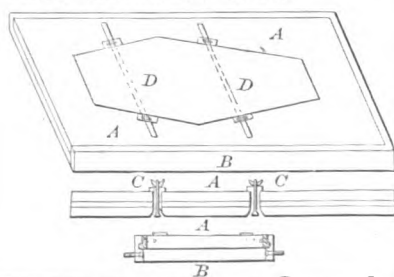
87170—C. Hodgetts—Metal Pan.



87173—W. B. Jarvis—Animal Trap.

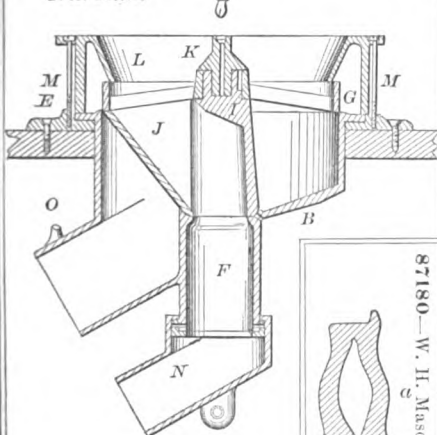


87175—J. F. Kinback—Hearse.

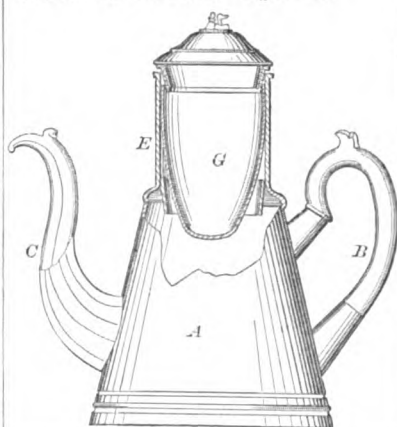


87174—C. Kellogg—Bridge.

**87176**—F. Klinkerman—*Toll Collector for Grist Mills.*



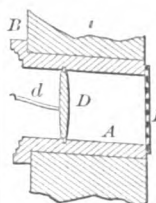
**87179**—J. L. Labiaux—*Coffee Pot.*



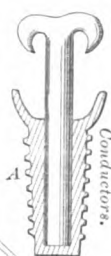
**87180**—W. H. Mason—*Railway Car Wheel.*



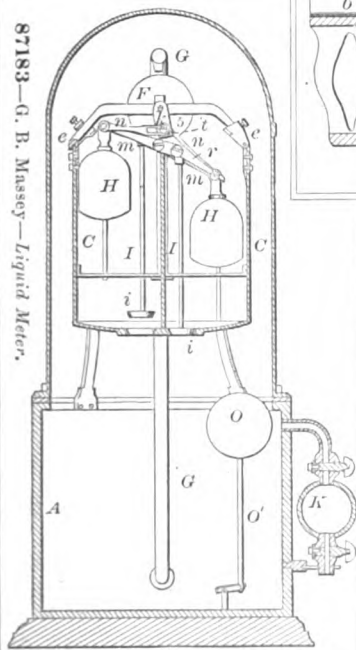
**87178**—O. Krakovitz—*Ventilator.*



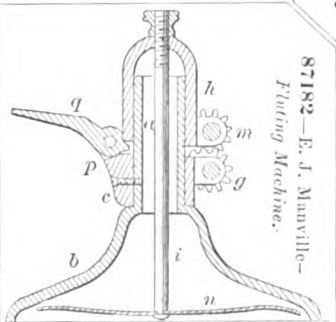
**87187**—J. M. Merrick, Jr.—*Insulator for Telegraph Conductors.*



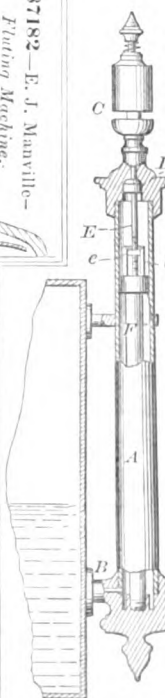
**87183**—G. B. Massey—*Liquid Meter.*



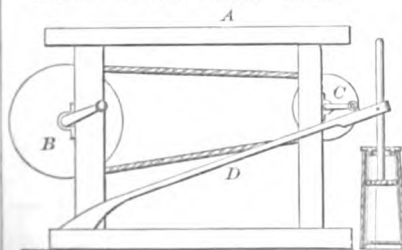
**87182**—E. J. Manville—*Putting Machine.*



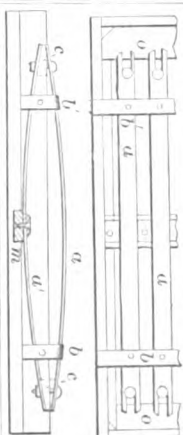
**87181**—G. B. Massey—*Low Water Detector.*



**87185**—W. D. McFadden—*Churn.*

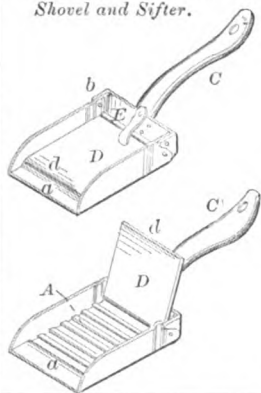


**87181**—F. B. Mattson—*Spring Bed Bottom.*

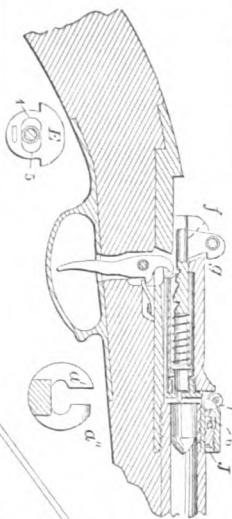




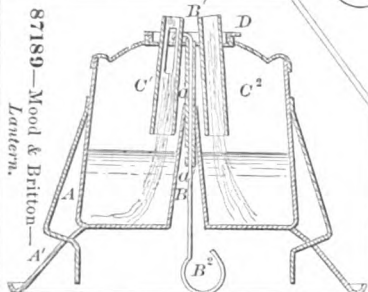
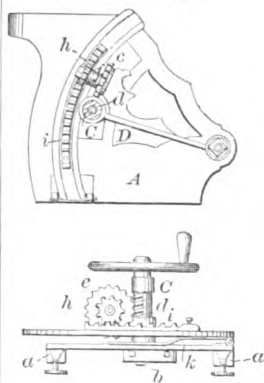
87186—W. C. McGill—*Ash Shovel and Sifter.*



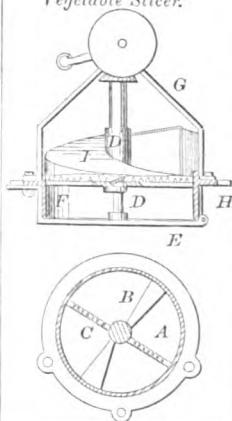
87190—W. Morgenstern—*Fire Arm.*



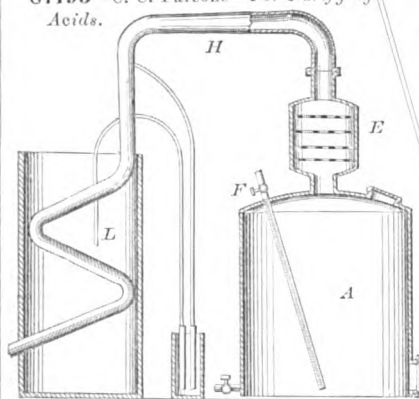
87191—W. Newcomb—*Saw Gummer.*



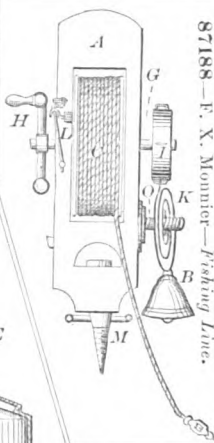
87195—G. B. Peers—*Vegetable Slicer.*



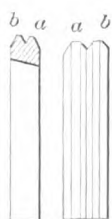
87193—C. C. Parsons—*For Purifying Acids.*



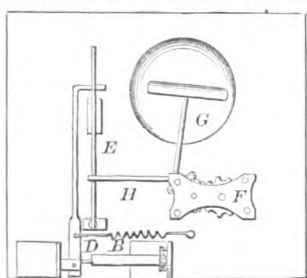
87188—E. X. Monnier—*Picking Line.*



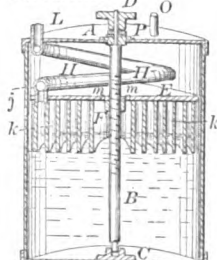
87198—E. S. Pierce—*For Cutting Screw Threads.*



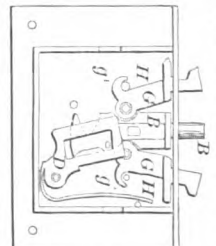
87194—I. T. Pease—*Fire Alarm.*



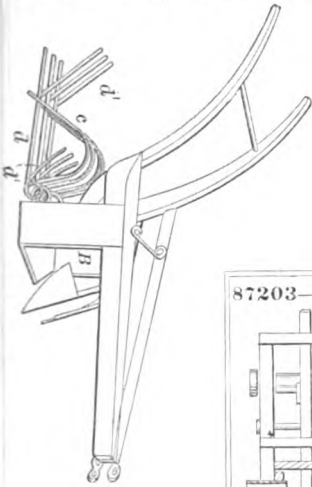
87192—H. M. Paine—*Carburettor.*



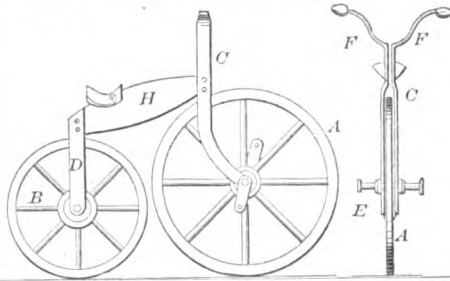
87196—A. F. Pfeiffer—*Lock.*



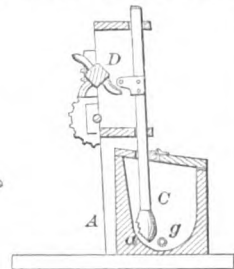
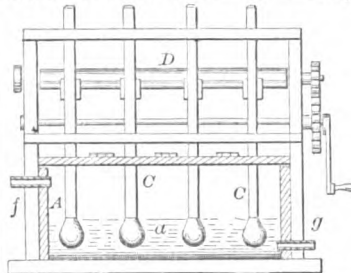
87197—E. Phillips—Potato Digger.



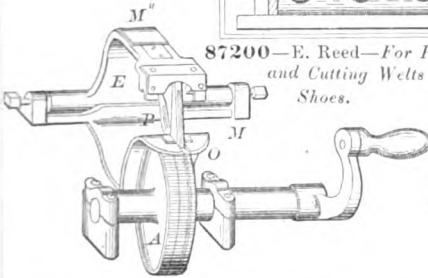
87204—C. H. Robinson—Velocipede.



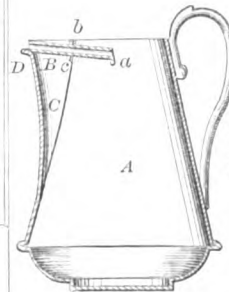
87203—L. F. Robertson—For Treating Hides, Skins and Leather.



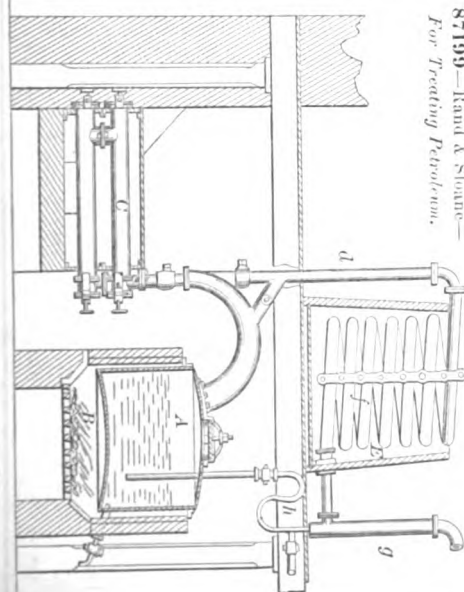
87200—E. Reed—For Pressing Seams and Cutting Welts of Boots and Shoes.



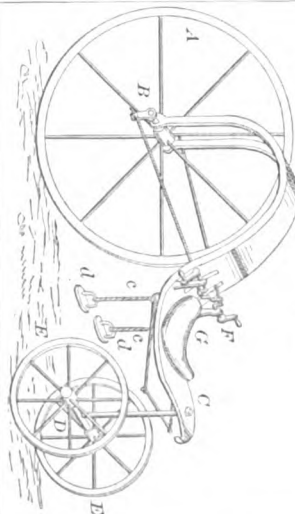
87201—C. Reistle—Molasses Pitcher.



87199—Rand & Slocum—For Treating Petroleum.



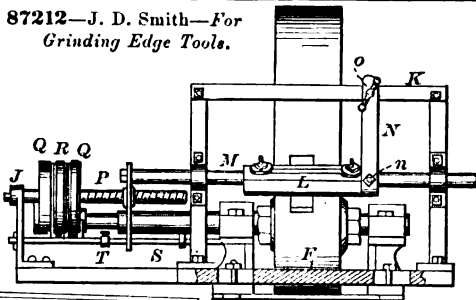
87205—J. Samuel—Velocipede.



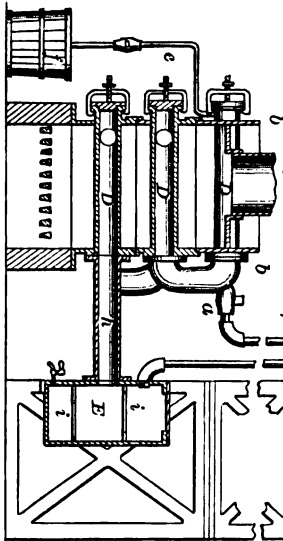
87206—E. B. Scattergood—Gate.



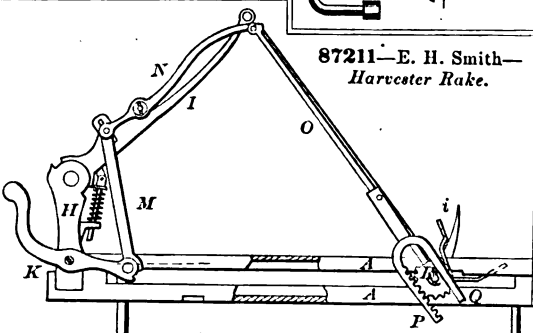
87212—J. D. Smith—For Grinding Edge Tools.



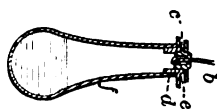
87210—W. M. Sloane—For Generating Gas.



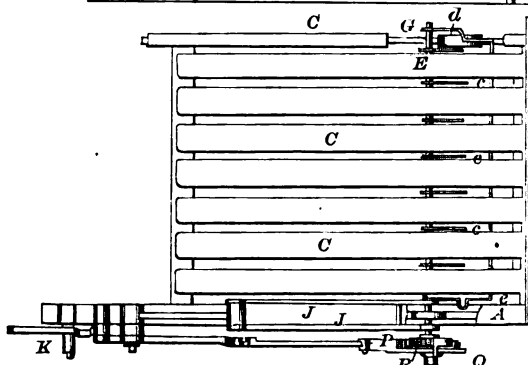
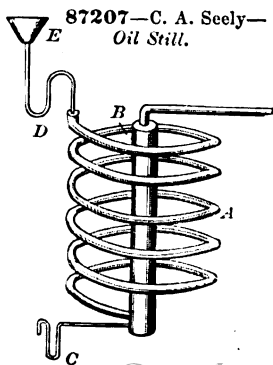
87211—E. H. Smith—Harvester Rake.



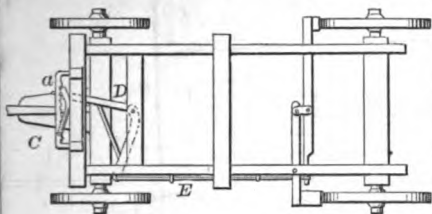
87209—W. F. Shaw—Curtain Weight.



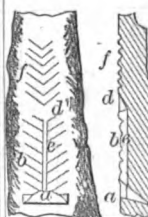
87207—C. A. Seely—Oil Still.



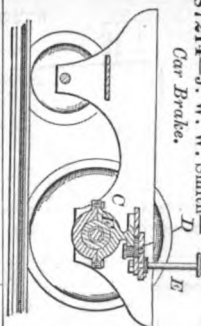
87213—J. Smith—Wagon Brake.



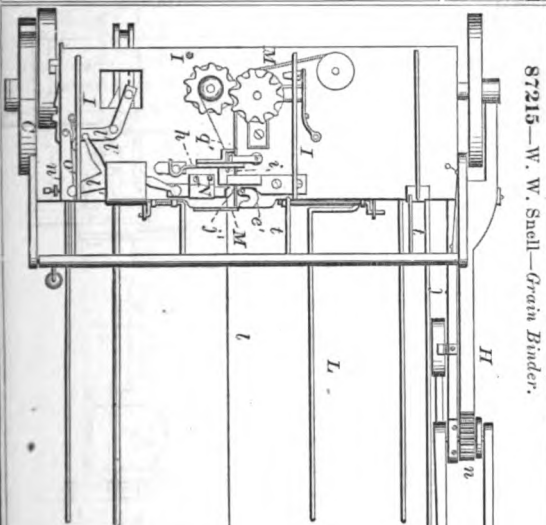
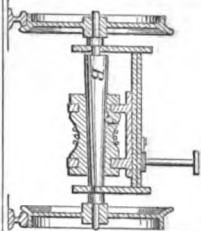
Obtaining Turpentine.



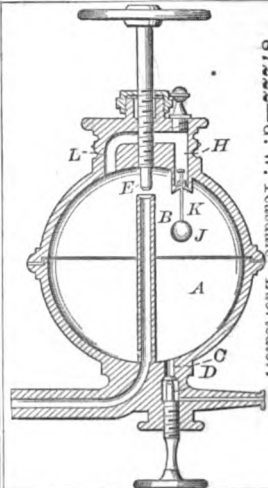
87219—R. J. Steele, Jr.—



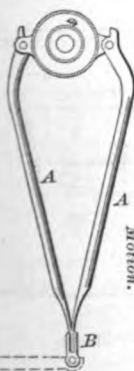
87214—J. W. W. Smith—  
Car Brake.



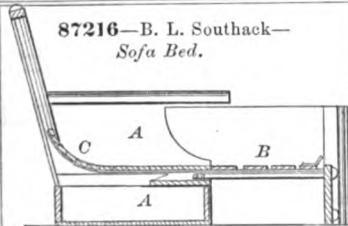
87215—W. W. Snell—Grain Binder.



87222—G. W. Tenshale—Lubricator.



87218 C. L. Spencer—For Converting Motion.

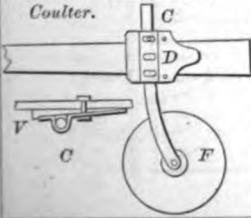


87216—B. L. Southack—Sofa Bed.



87217—C. L. Spencer—For Converting Motion.

87220—C. E. Steller—Coulter.



87221—L. C. Taber—Damper.

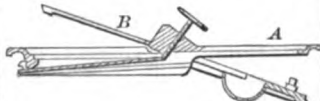
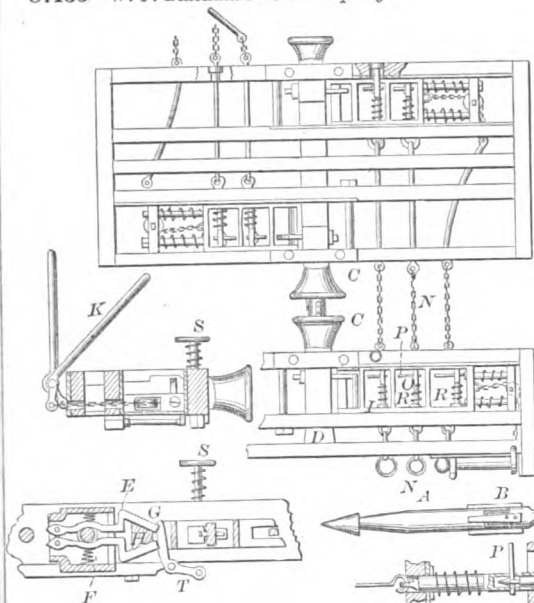
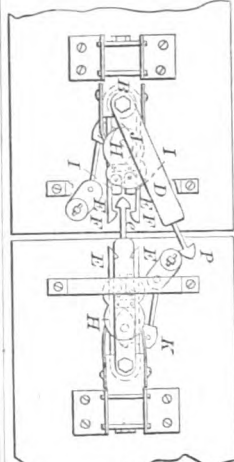
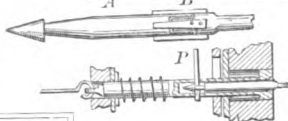
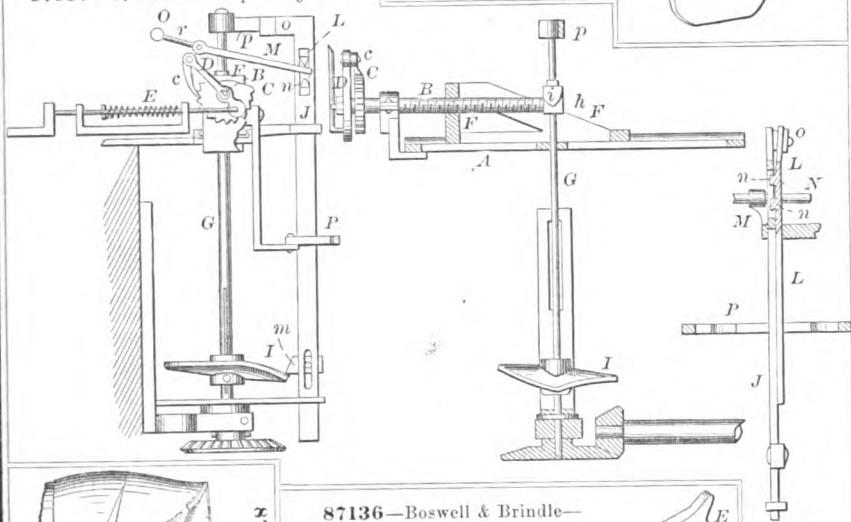
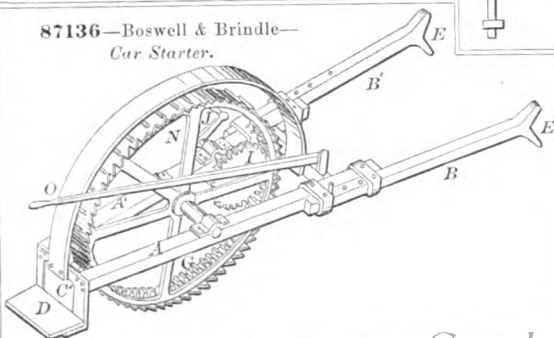
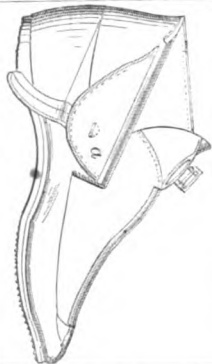
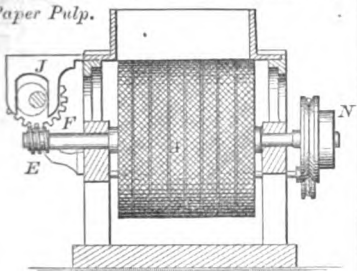


Fig. 7

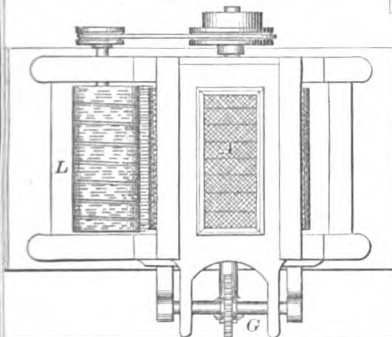
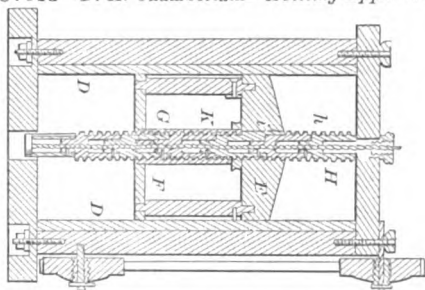


87135—W. J. Blackman—*Car Coupling.*87142—Caldwell & Wilson—*Car Coupling.*87141—B. Butler—*Wedge for Axe Helves.*87138—O. Brothers—*Spinning Jack.*87136—Boswell & Brindle—*Car Starter.*87137—A. O. Bunn—*Overshoe.*

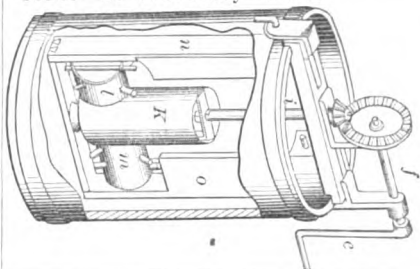
**87139**—F. Burghardt—*Manufacture of Paper Pulp.*



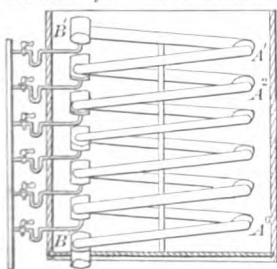
**87143**—D. H. Chamberlain—*Hoisting Apparatus.*



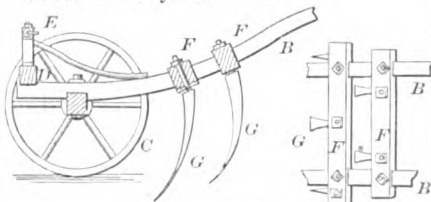
**87147**—De W. C. Cooley—*Churn.*



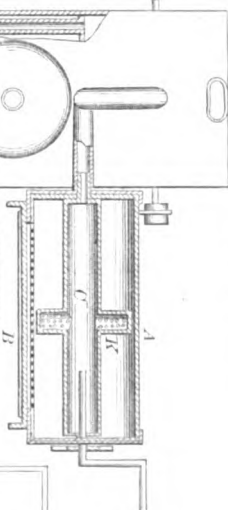
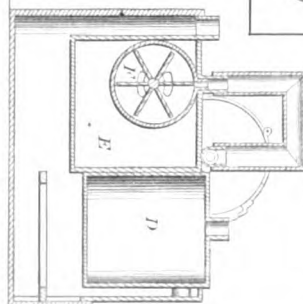
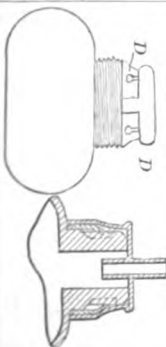
**87144**—J. F. Collins—*Rectifier and Condenser for Alcoholic and other Spirits.*



**87151**—W. Day—*Cultivator.*

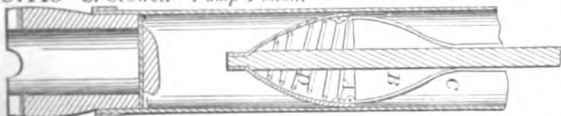


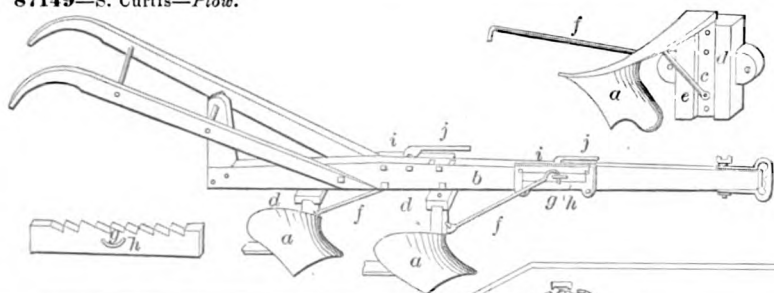
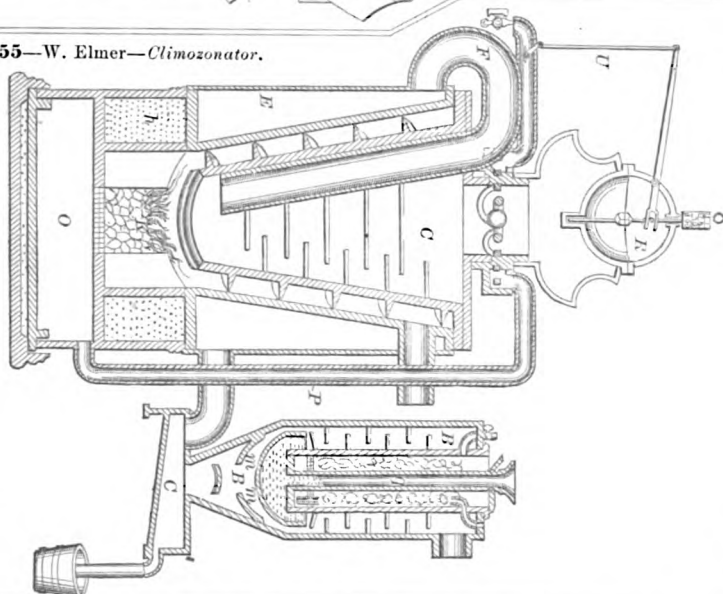
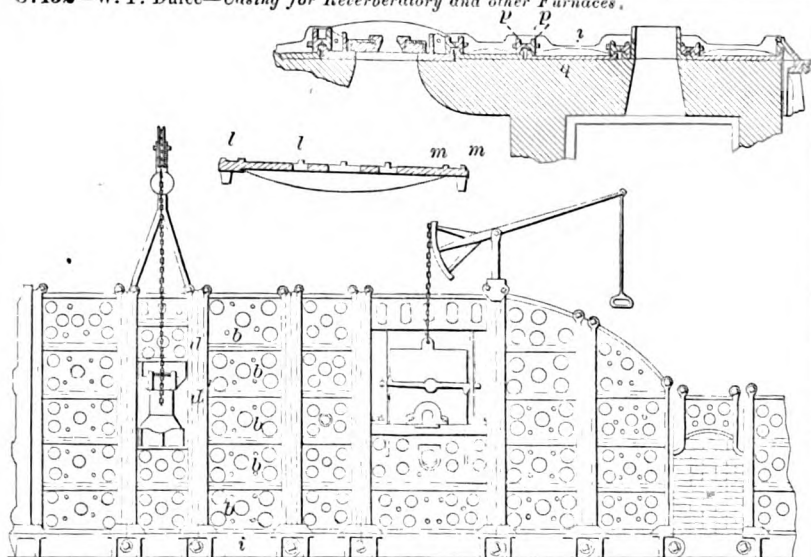
**87146**—J. Cook—*Screw Collar for Connecting Covers to Glass Vessels.*



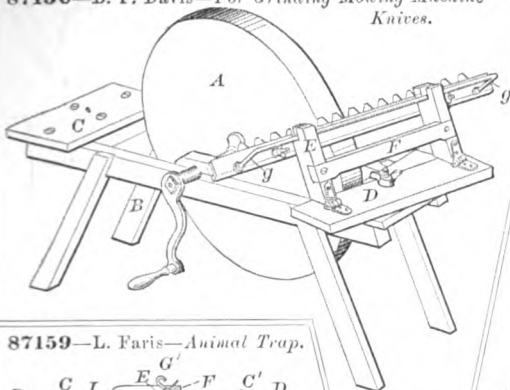
**87145**—E. Colvin—*Feather Renovator.*

**87148**—S. Crowell—*Pump Piston.*

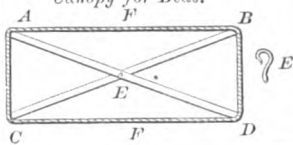


87149—S. Curtis—*Plow*.87155—W. Elmer—*Climozonator*.87152—W. F. Dufee—*Casing for Reverberatory and other Furnaces*.

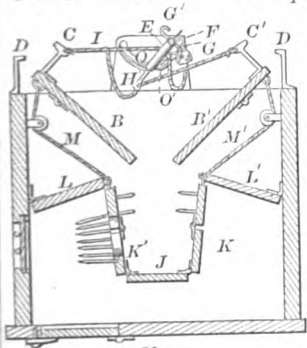
**87150**—B. F. Davis—*For Grinding Mowing Machine Knives.*



**87154**—W. B. Ellis—*Mosquito Canopy for Beds.*



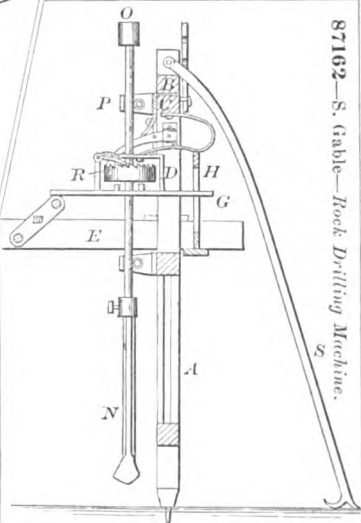
**87159**—L. Faris—*Animal Trap.*



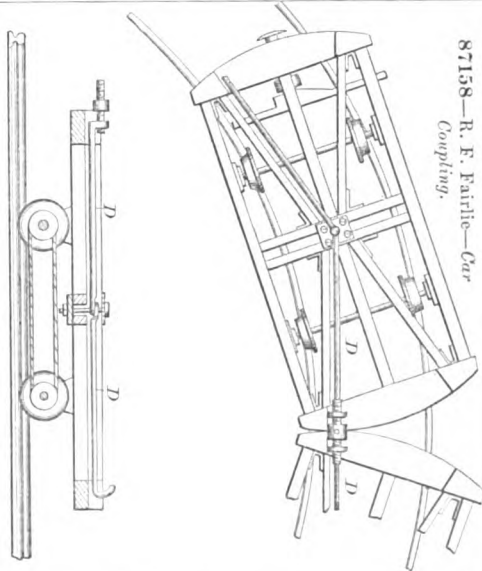
**87163**—P. Geier—*Bung.*



**87162**—S. Gable—*Rock Drilling Machine.*



**87158**—R. F. Fairlie—*Car Coupling.*



**87160**—S. B. Fisher—*Corset.*



**87164**—J. J. Glitenan—*Hat.*

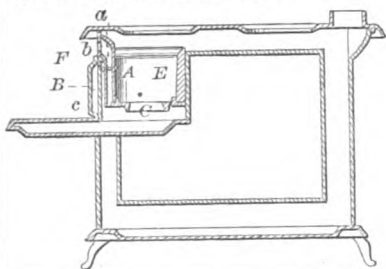


**87161**—J. O. Foster—*Paper File.*

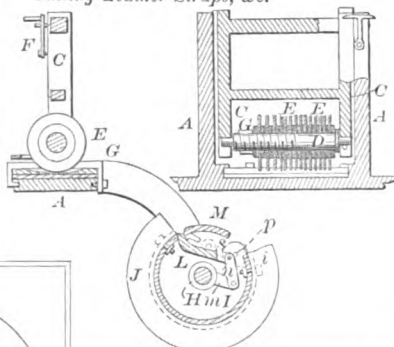




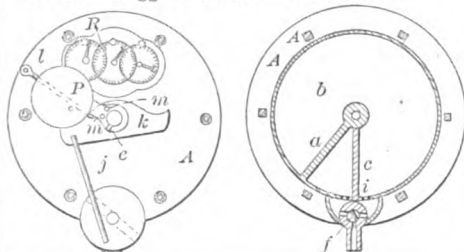
87165—C. O. Greene—Stove.



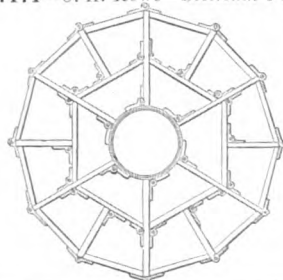
87167—Haberbush, Bentz &amp; Vogel—For Cutting Leather Straps, &amp;c.



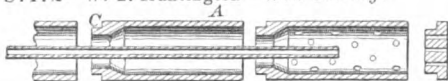
87166—Griggs &amp; Barrows—Water Meter.



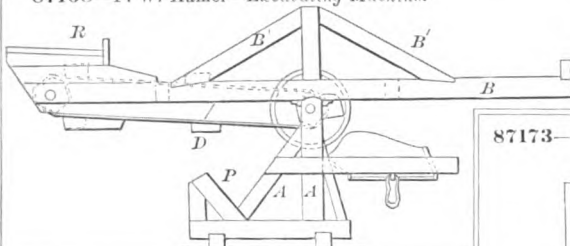
87171—O. A. Howe—Sectional Pier.



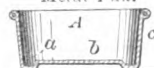
87172—W. T. Huntington—Well Curbing.



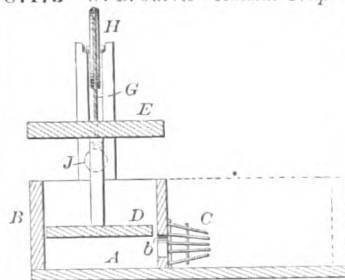
87168—P. W. Hamel—Excavating Machine.



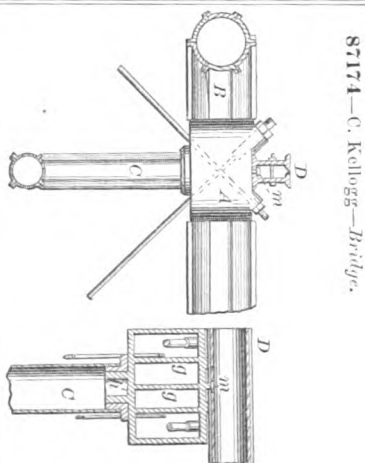
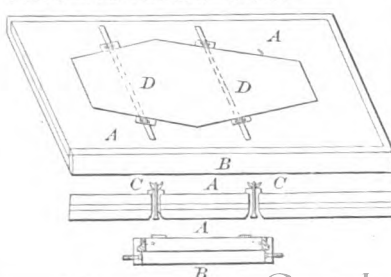
87170—C. Hodgetts—Metal Pan.



87173—W. B. Jarvis—Animal Trap.

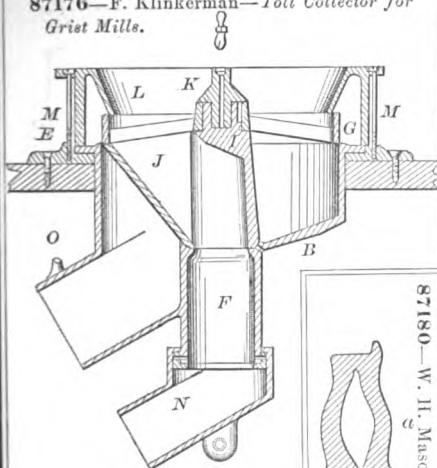


87175—J. F. Kinback—Hearse.

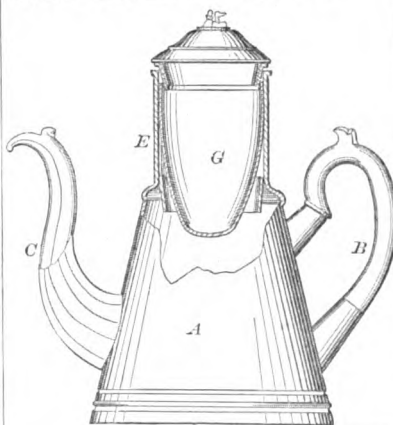


87174—C. Kellogg—Bridge.

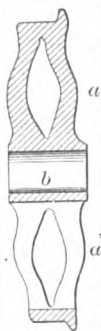
**87176**—F. Klinkerman—*Toll Collector for Grist Mills.*



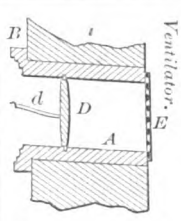
**87179**—J. L. Labiaux—*Coffee Pot.*



**87180**—W. H. Mason—*Railway Car Wheel.*



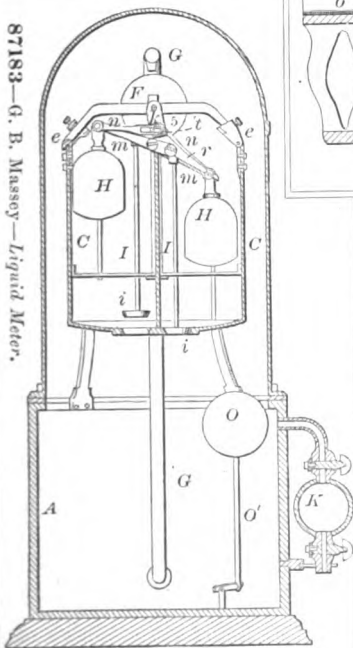
**87178**—O. Krakovetz—*Ventilator.*



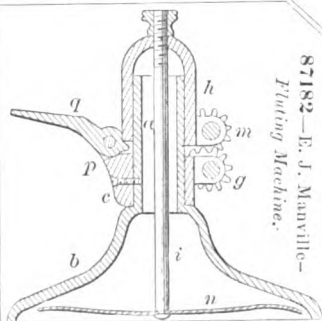
**87187**—J. M. Merrick, Jr.—*Insulator for Telegraph Conductors.*



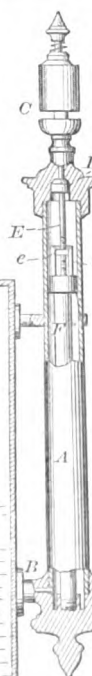
**87183**—G. B. Massey—*Liquid Meter.*



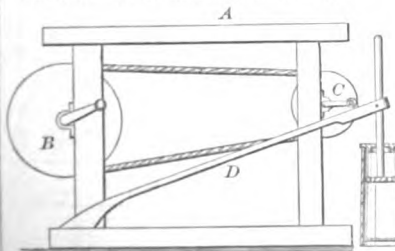
**87182**—E. J. Manville—*Putting Machine.*



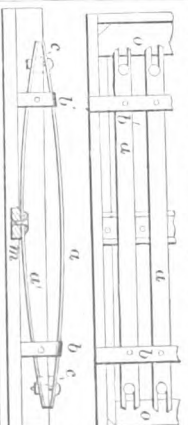
**87181**—G. B. Massey—*Low Water Detector.*



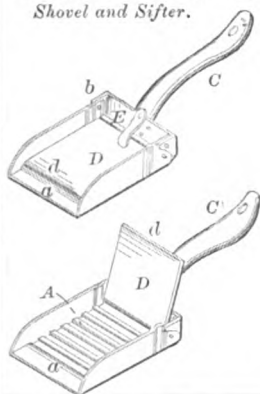
**87185**—W. D. McFadden—*Churn.*



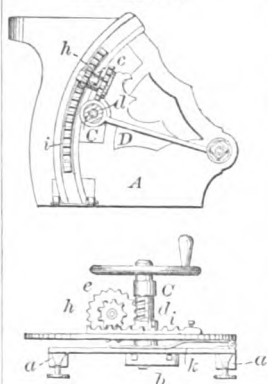
**87184**—F. B. Mattison—*Spring Bed Bottom.*



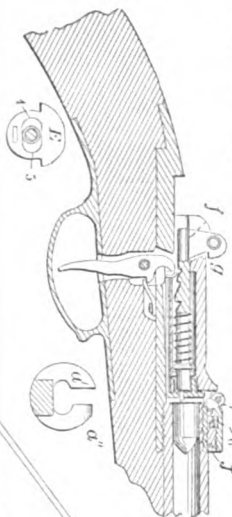
**87186**—W. C. McGill—*Ash  
Shovel and Sifter.*



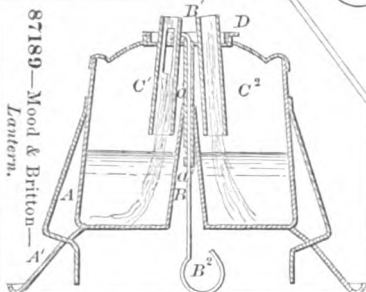
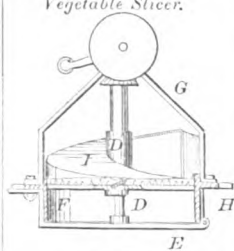
**87191**—W. Newcomb—*Saw Gummer.*



**87190**—W. Morgenstern—*Fire Arm.*

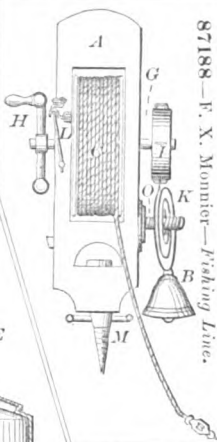
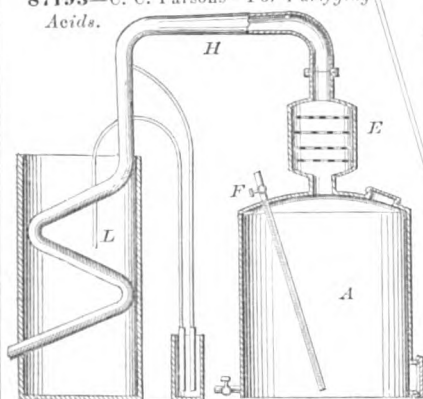


**87195**—G. B. Peers—*Vegetable Slicer.*

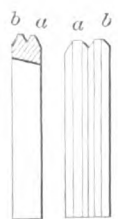
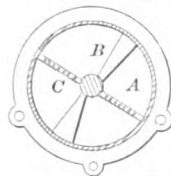


**87189**—Mood & Britton—*Lantern.*

**87193**—C. C. Parsons—*For Purifying  
Acids.*

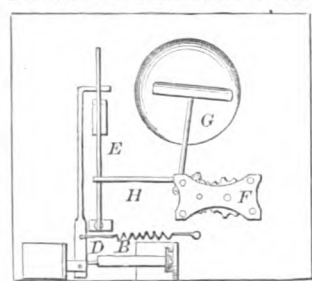


**87188**—F. X. Monnier—*Fishing Line.*

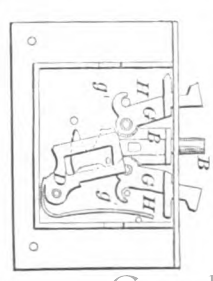
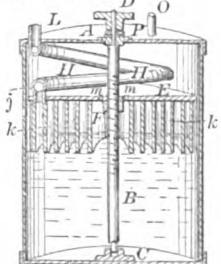


**87198**—E. S. Pierce—*For  
Cutting Screw Threads.*

**87194**—I. T. Pease—*Fire Alarm.*

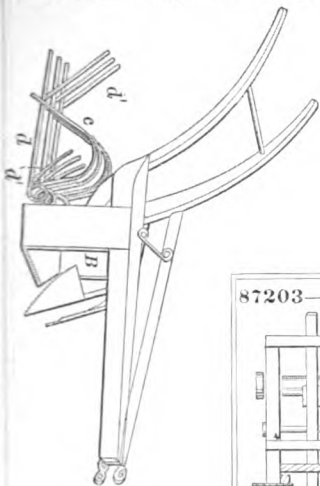


**87192**—H. M. Paine—*Carburettor.*

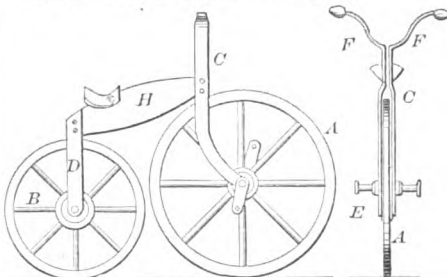


**87196**—A. F. Pfeiffer—*Lock.*

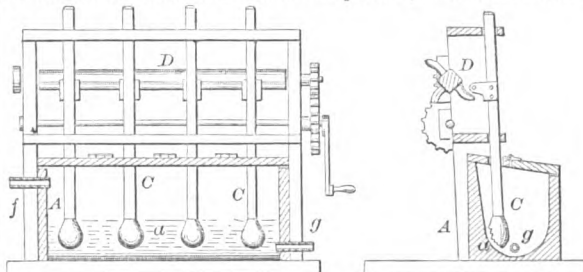
87197—E. Phillips—Potato Digger.



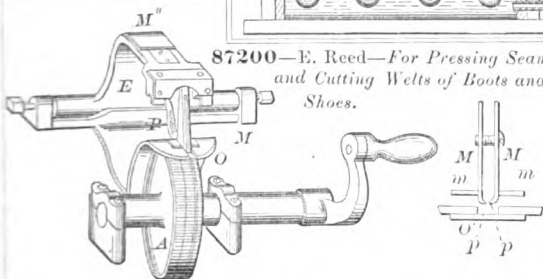
87204—C. H. Robinson—Velocipede.



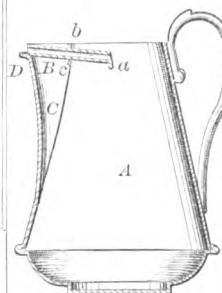
87203—L. F. Robertson—For Treating Hides, Skins and Leather.



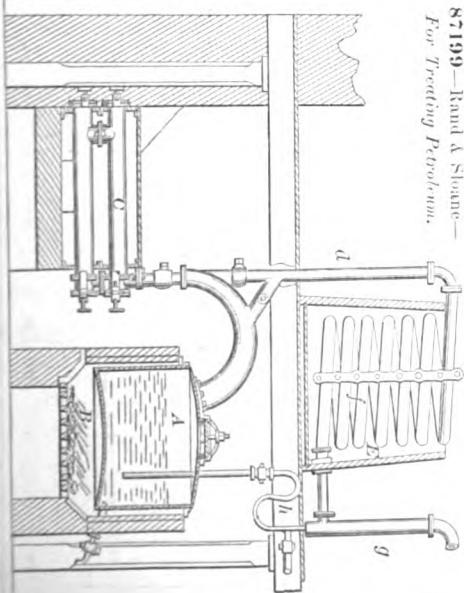
87200—E. Reed—For Pressing Seams and Cutting Welts of Boots and Shoes.



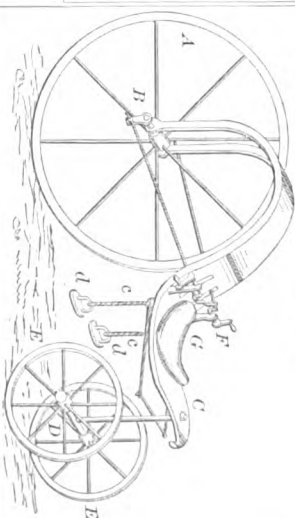
87201—C. Reistle—Molasses Pitcher.



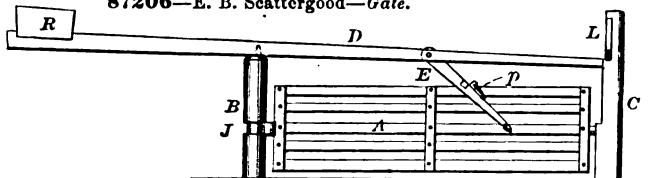
87199—Rand & Spence—For Treating Petroleum.



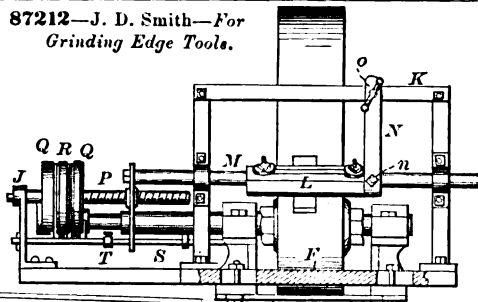
87205—I. Samuels—Velocipede.



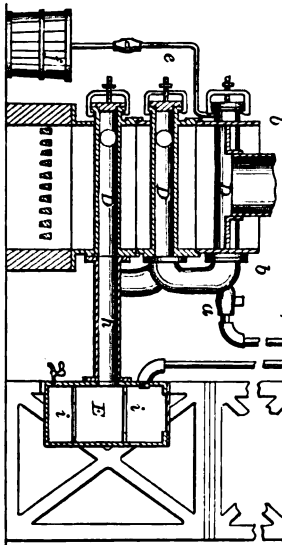
87206—E. B. Scattergood—Gate.



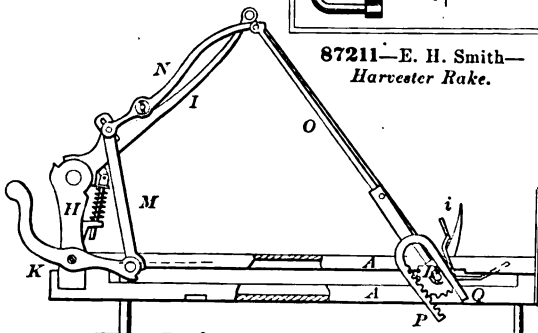
87212—J. D. Smith—For Grinding Edge Tools.



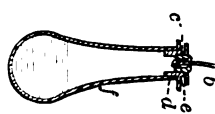
87210—W. M. Sloane—For Generating Gns.



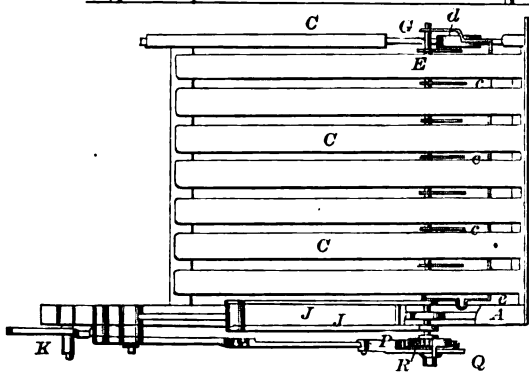
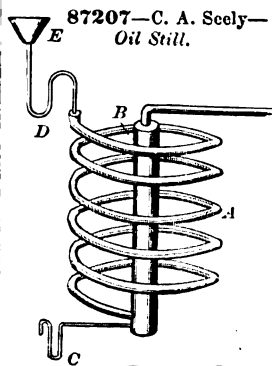
87211—E. H. Smith—Harvester Rake.



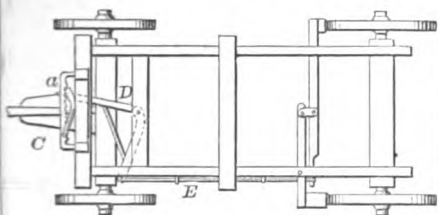
87209—W. F. Shaw—Curtain Weight.



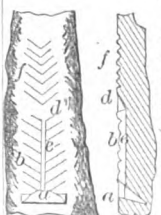
87207—C. A. Seely—Oil Still.



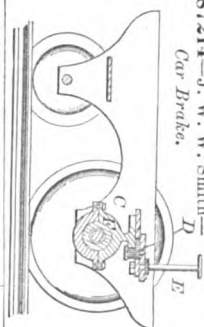
87213—J. Smith—Wagon Brake.



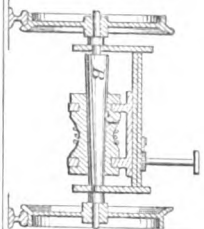
Obtaining Turpentine.



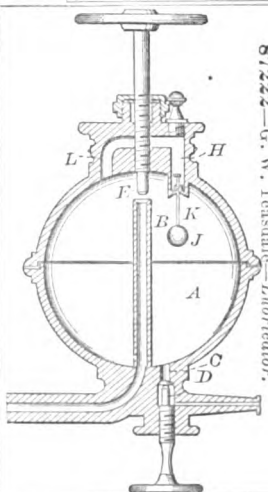
87219—R. J. Steele, Jr.—



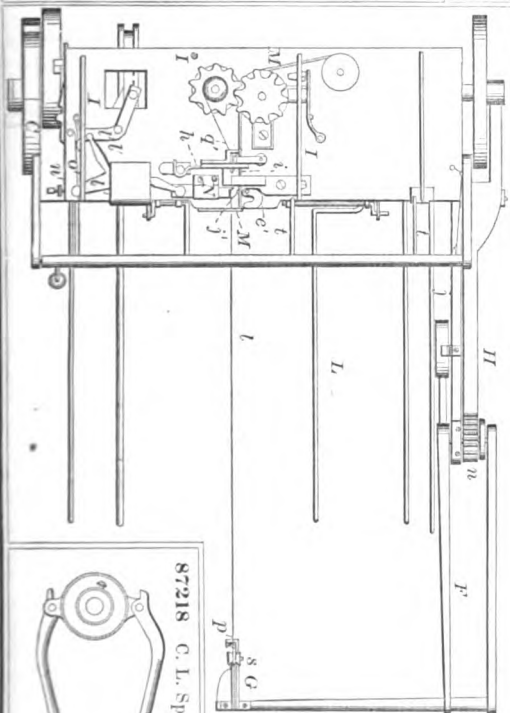
87214—J. W. W. Smith—  
Car Brake.



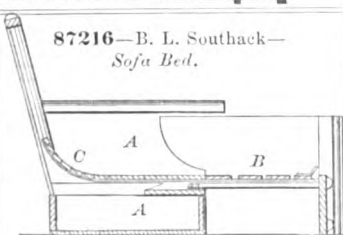
87222—G. W. Tensdale—Lubricator.



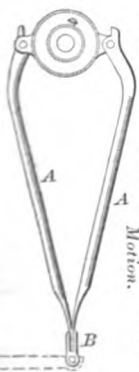
87215—W. W. Snell—Grain Binder.



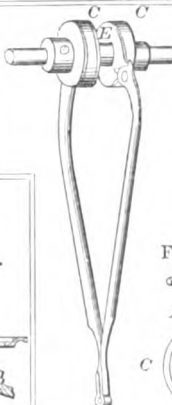
87216—B. L. Southack—  
Sofa Bed.



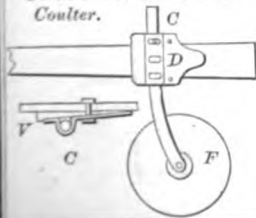
87218 C. L. Spencer—For Converting Motion.



87217—C. L. Spencer—For  
Converting Motion.



87220—C. E. Steller—  
Coulter.



87221—L. C. Taber—Damper.

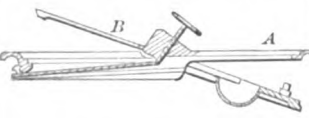


Fig. 7



E

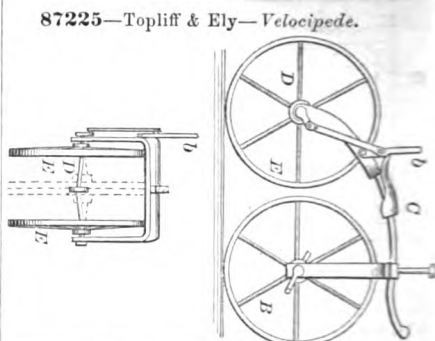
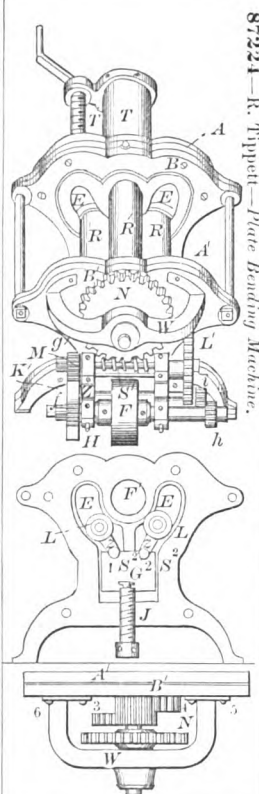
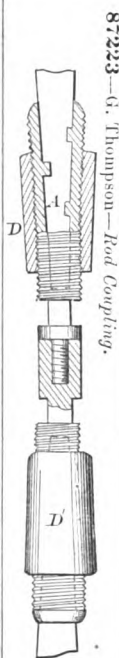


C

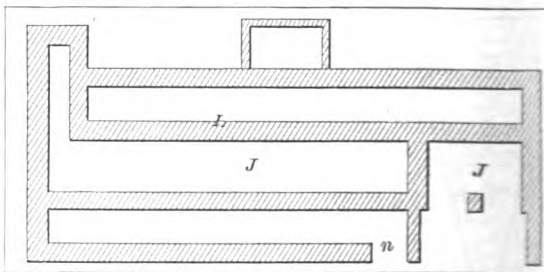
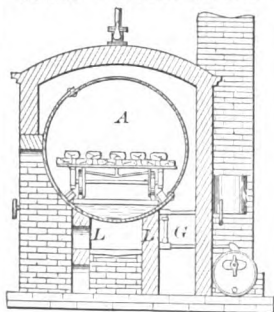


D

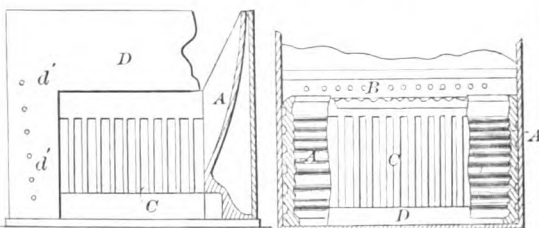




87226—Voorhees & Custis—*For Preserving Wood.*



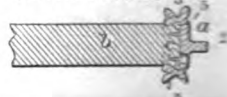
87230—A. Wisner—*Lining-Plates for Stoves.*



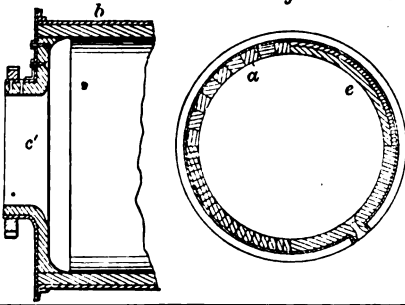
87229—W. Williams—*Carriage Tire.*



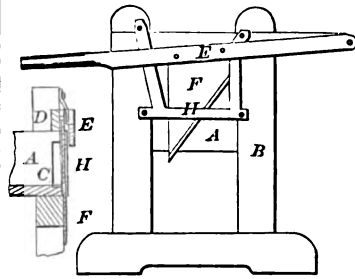
87234—J. B. Bailey—*Curtain Fixture.*



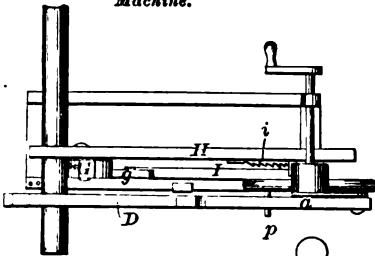
87231—W. Yates—For Treating Iron and Steel.



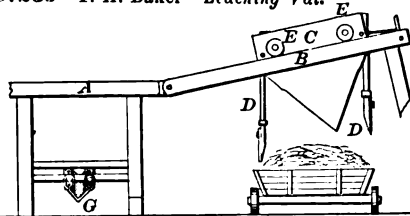
87232—J. J. Andrew—Straw Cutter.



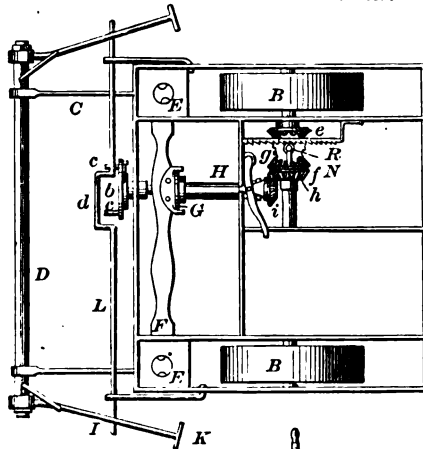
87233—J. K. Babcock—Sawing Machine.



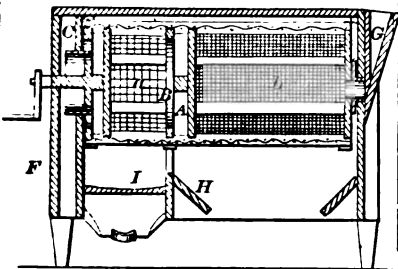
87235—T. H. Baker—Leaching Vat.



87237—W. T. Beekman—Corn Planter.



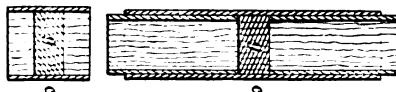
87239—S. Blair—Grain Screen.



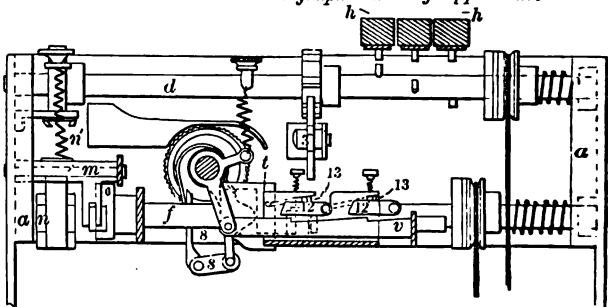
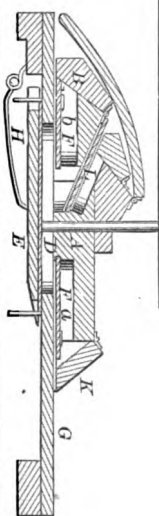
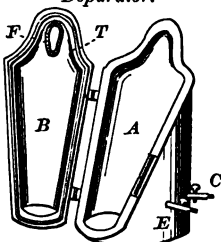
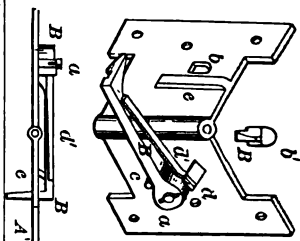
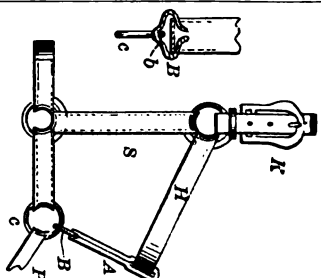
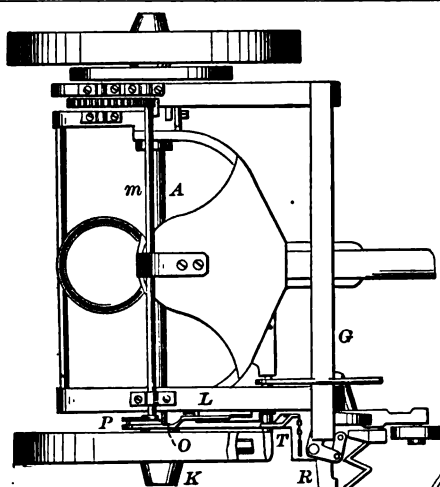
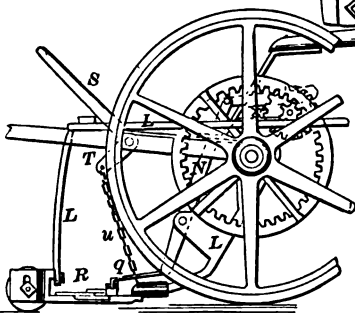
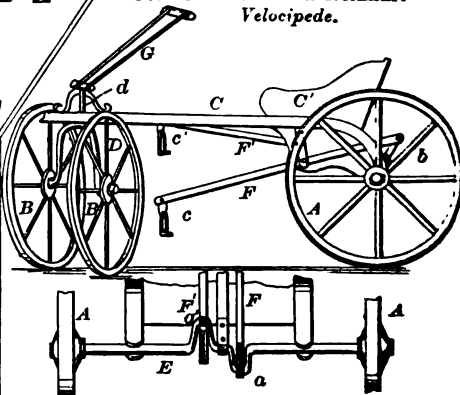
87238—J. H. Bellamy—Toy Bird.



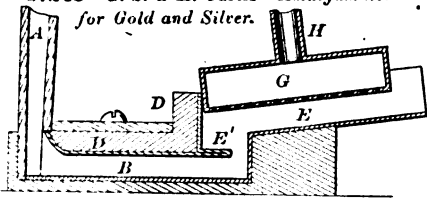
87236—E. B. & L. W. Beecher—Match Box.



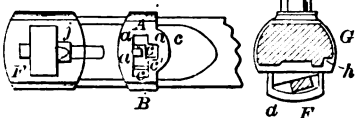


87242—E. A. Calahan—*Telegraph Punching Apparatus.*87241—R. Burdett—*Reed Organ.*87247—W. Curran—*Depurator.*87240—C. B. Bristol—*Martingale Ring.*87243—J. L. Calhoun—*Blind Hinge.*87240—B. F. Cross—*Halter.*87244—W. Chapman—*Harvester.*87245—Christian & Reinhart—*Velocipede.*

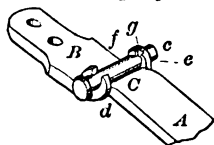
87248—G. S. & H. Curtis—*Amalgamator for Gold and Silver.*



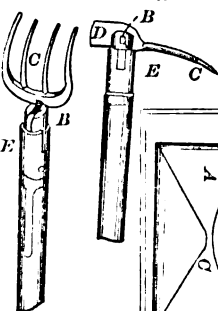
87251—P. Frost—*Scythe Snath.*



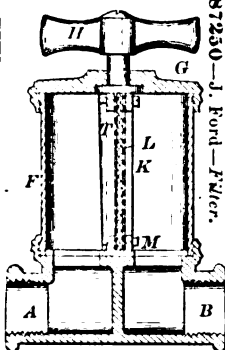
87252—A. Fuhrman—*Thill Coupling.*



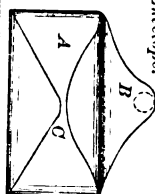
87249—R. Dean—*Fork and Hook.*



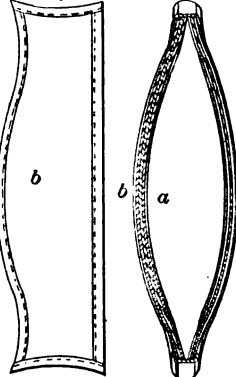
87250—J. Ford—*Filter.*



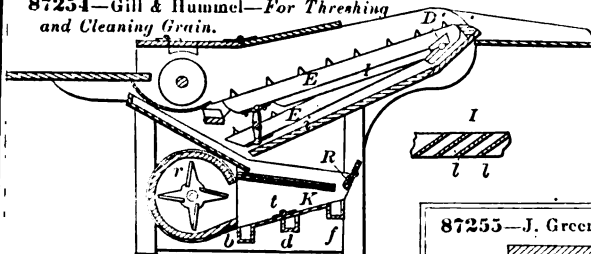
87253—J. C. Gaston—*Envelope.*



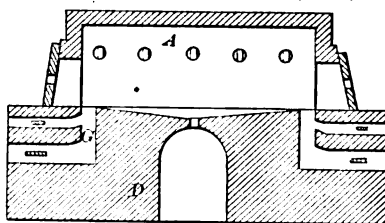
87257—C. B. Hogg—*Shield for Horse Collars.*



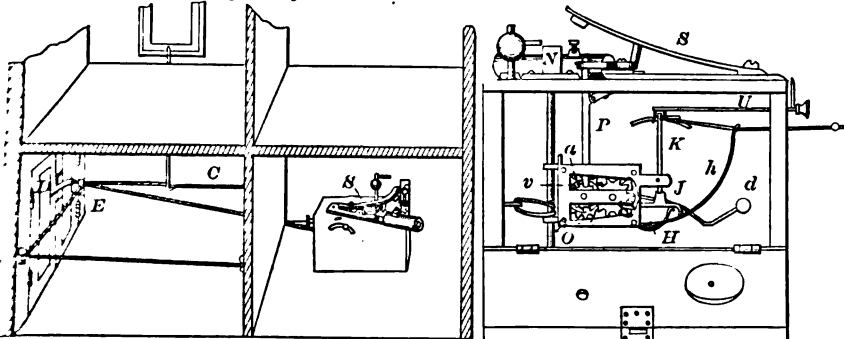
87254—Gill & Hummel—*For Threshing and Cleaning Grain.*

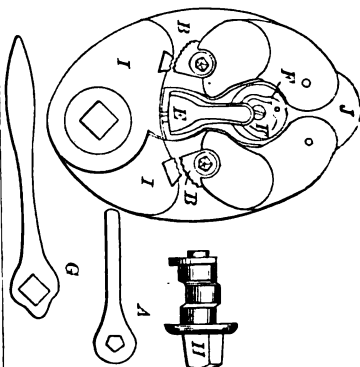
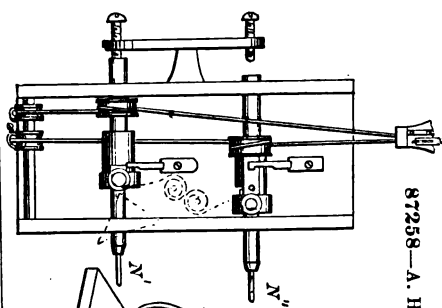
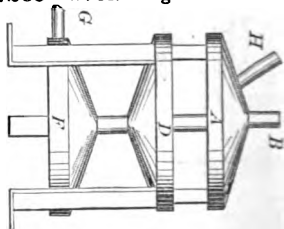
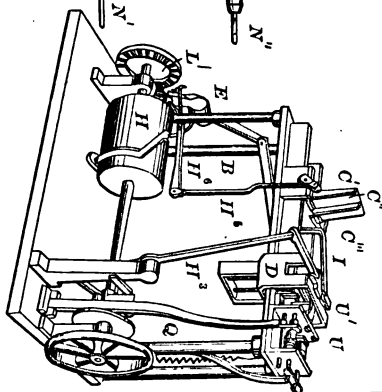
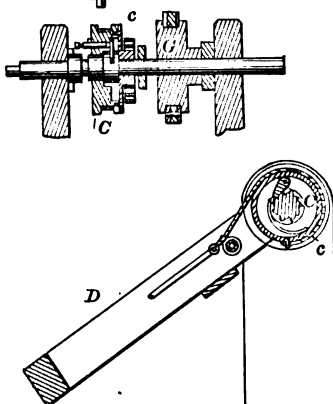
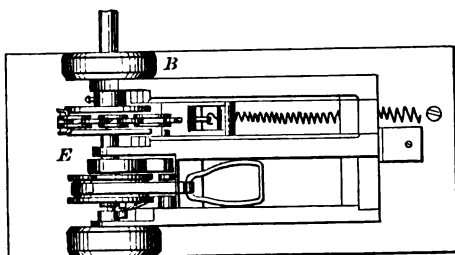
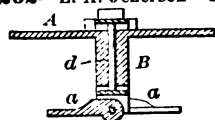
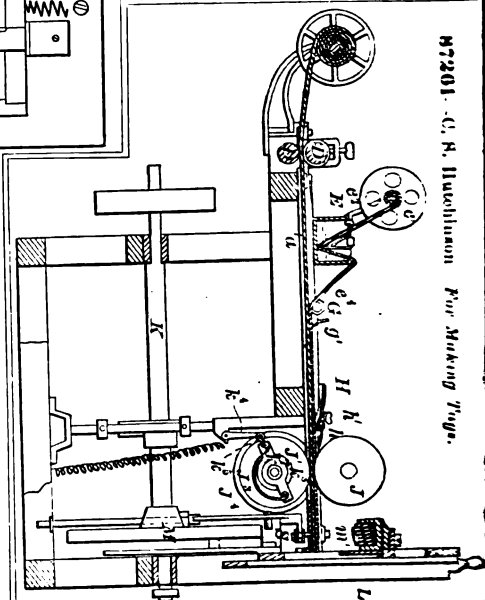


87255—J. Green—*Glass Furnace, Kiln, &c.*

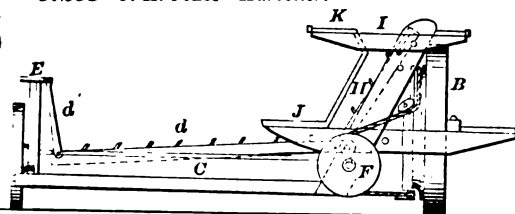


87256—G. R. Harding—*Burglar Alarm.*

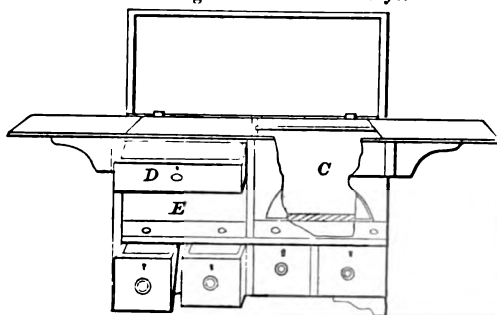


87200—W. M. Hughes—*Tire Upsetter.*87265—W. M. King—*Milk Cooler.*87258—A. Holbrook, Jr.—*For Sewing Hooks.*87259—Howe & Hartford—*Velocipede.*87262—L. A. Jefferson—*Button.*87201—C. R. Huchinson—*For Making Yugs.*

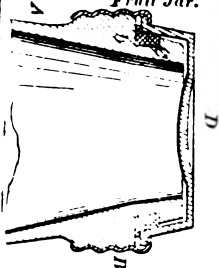
87263—J. H. Jones—*Harvester.*



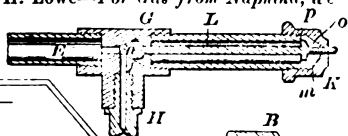
87266—J. M. Klingenstein—*Kitchen Safe.*



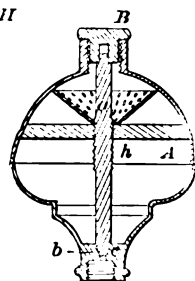
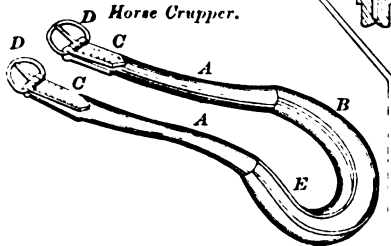
87274—J. L. Mason—*Fruit Jar.*



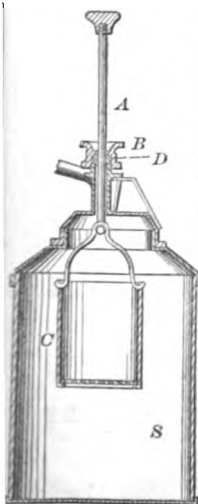
87272—D. H. Lowe—*For Gas from Naphtha, &c*



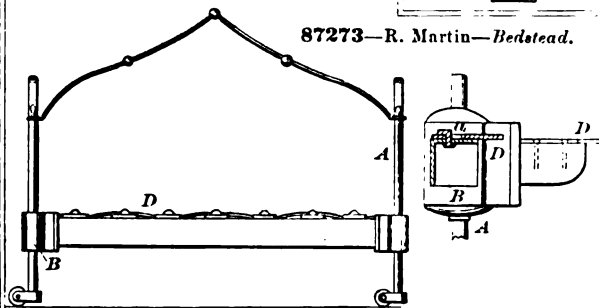
87269—P. A. La France—*Horse Crupper.*



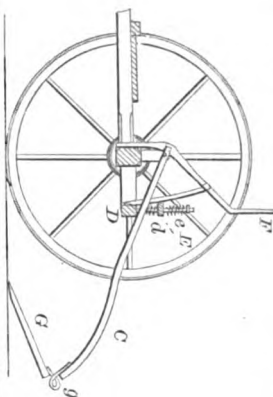
87271—C. B. Lovelace—*Gas Generator.*



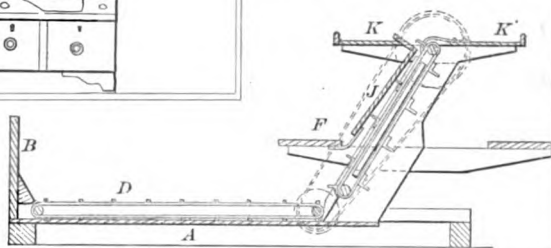
87273—R. Martin—*Bedstead.*

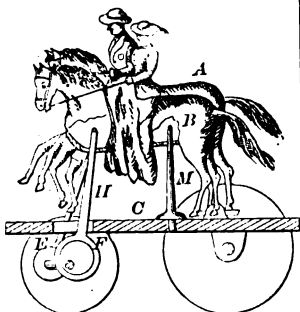
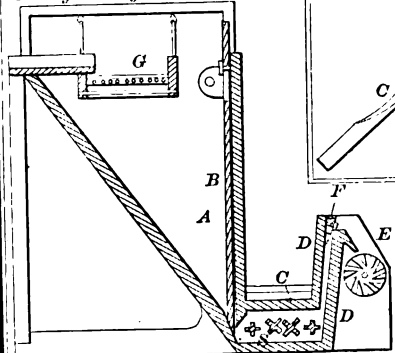
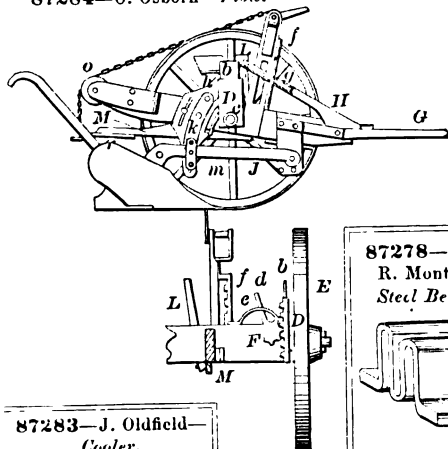
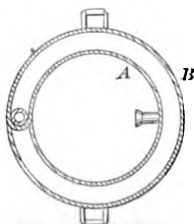
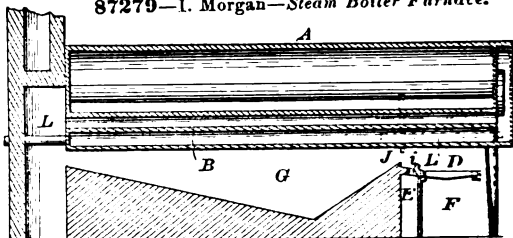
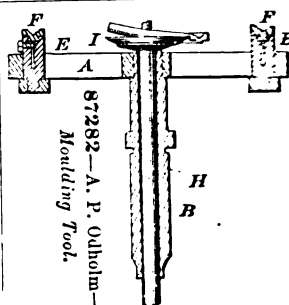
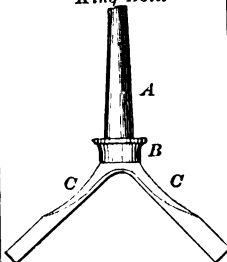
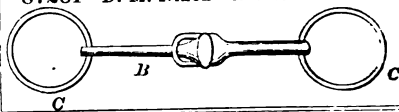
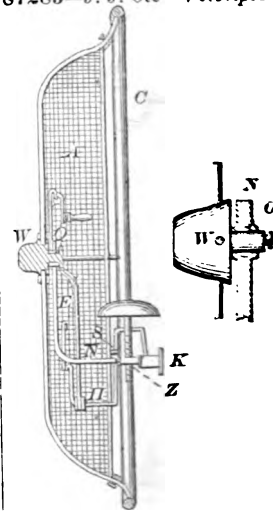
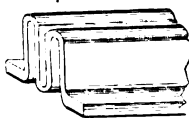
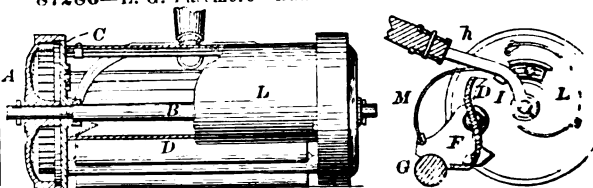


87267—Knight, Smith & Boreau—*Horse Rake.*

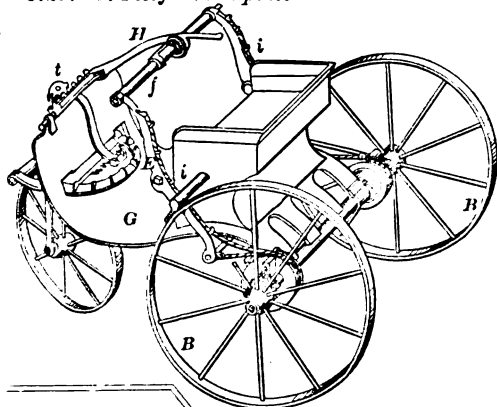


87264—J. H. Jones—*Harvester.*

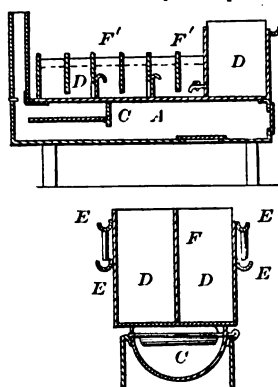


87275—R. McCully—*Toy.*87276—R. McCully—*For Amalgamating Gold and Silver.*87284—O. Osborn—*Plow.*87283—J. Oldfield—*Cooler.*87279—I. Morgan—*Steam Boiler Furnace.*87280—F. B. Morse—*King Bolt.*87281—D. M. Nixon—*Bridle Bit.*87285—J. J. Ott—*Felocipede.*87278—R. Montgomery—*Steel Beam.*87286—E. G. Passmore—*Lawn Mower.*

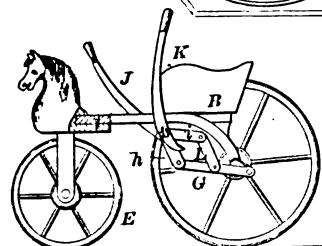
87287—S. Perry—*Velocipede.*



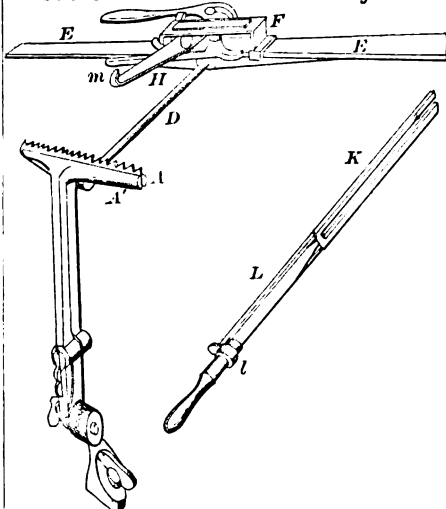
87288—H. Ramey—*Evaporator.*



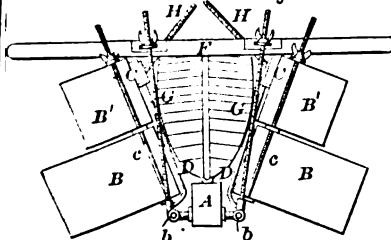
87290—J. Reinhart—*Velocipede.*



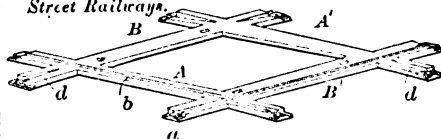
87289—G. W. Rathbun—*For Filing Saws.*



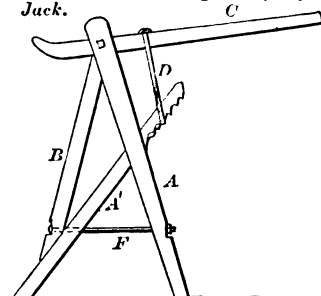
87291—J. Richardson—*Dry Dock.*



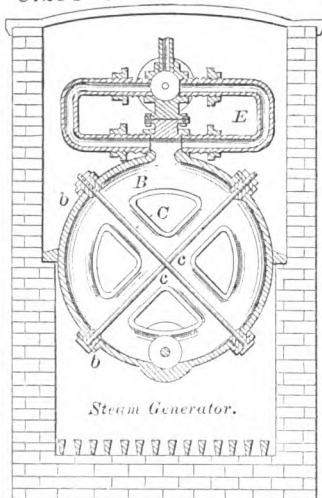
87293—J. E. Ridgway—*Crossing Plate for Street Railways.*



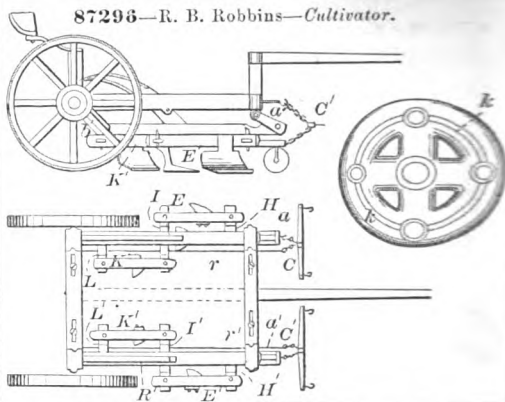
87292—J. Riddlesberger—*Lifting Jack.*



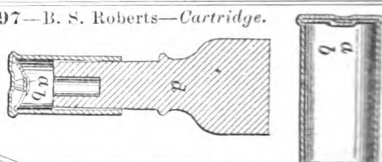
87294—G. A. Riedel—



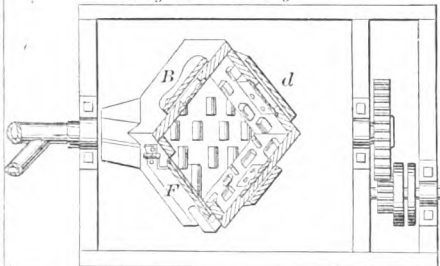
87296—R. B. Robbins—Cultivator.



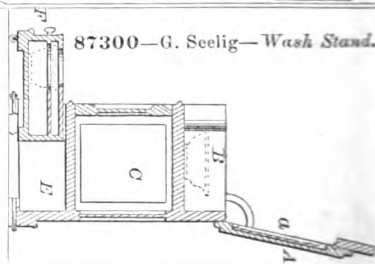
87297—B. S. Roberts—Cartridge.



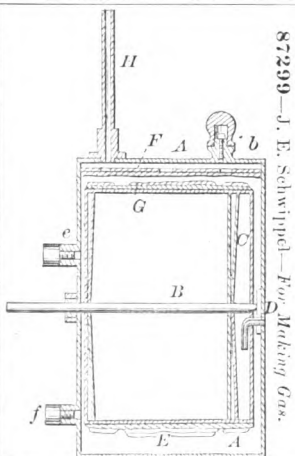
87298—C. Schmitz—For Tanning, Felling and Cleansing.



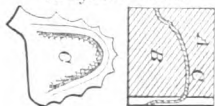
87300—G. Seelig—Wash Stand.



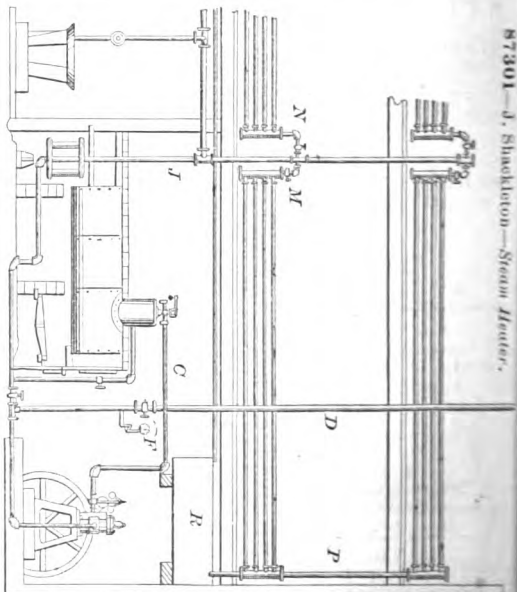
87299—J. E. Schwipps—For Making Gas.



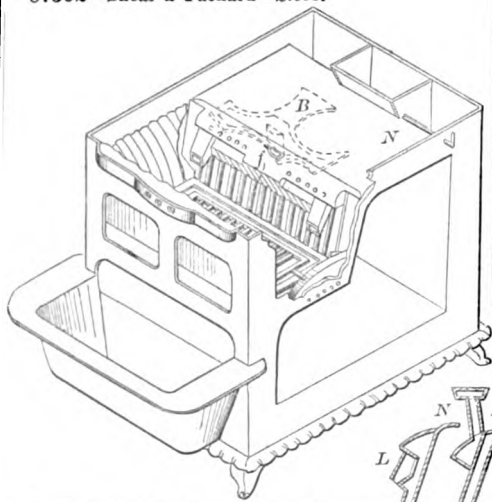
87303—S. B. Sill—Polishing Artificial Teeth.



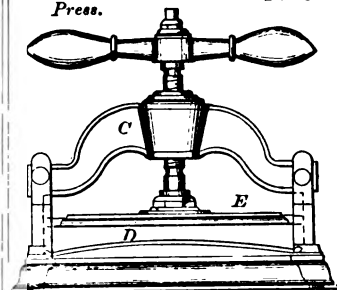
87301—J. Shackleton—Steam Heater.



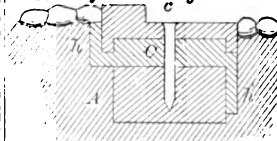
87302—Shear & Packard—Stove.



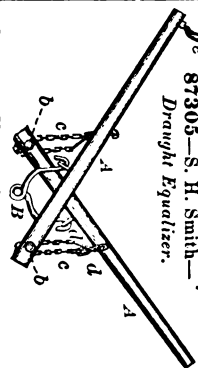
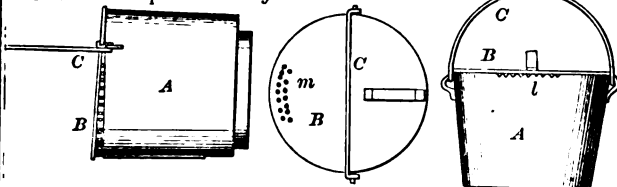
87304—W. M. Smith—Copying Press.



87308—J. F. Stileman—Chair for Railway Rails.

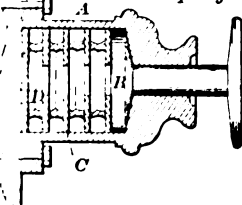


87306—S. Spoor—Boiling Kettle.

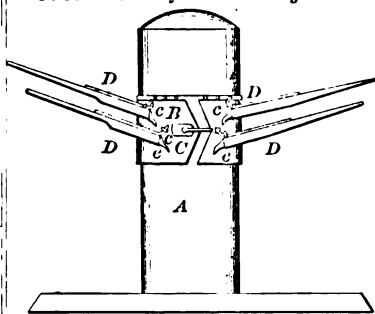


87305—S. H. Smith—Draught Equalizer.

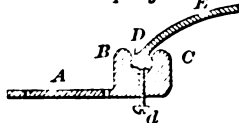
87307—L. Sterne—Pneumatic Spring.



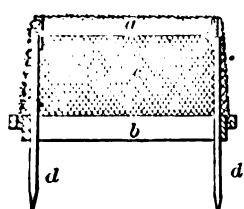
87312—S. Way—Clothes Dryer.



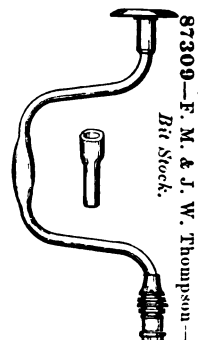
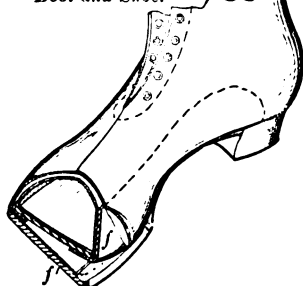
87311—E. J. Watson—Thill Coupling.



87313—W. B. Wickes—Plant Protector.

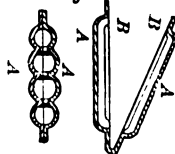


87310—L. C. Tower—Waterproof Boot and Shoe.



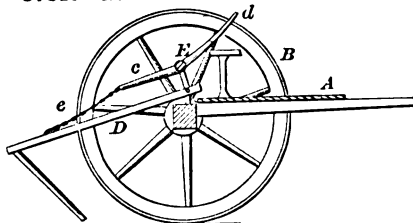
87309—E. M. & J. W. Thompson—Bit Stock.

87314—S. R. Wilmot—Cigar Case.

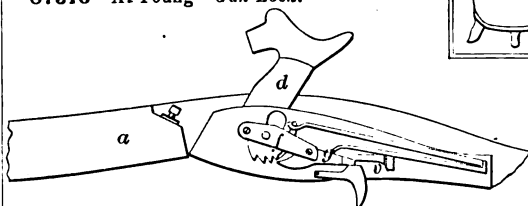




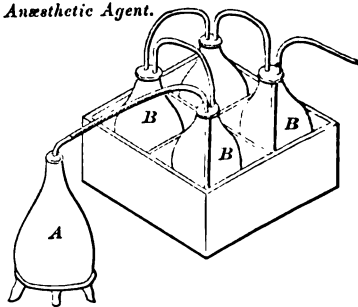
87315—H. Wood—Horse Rake.



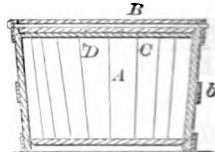
87316—A. Young—Gun Lock.



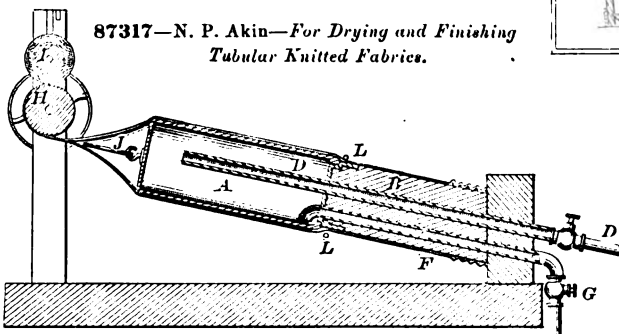
87319—W. P. Barker—For Use of Anæsthetic Agent.



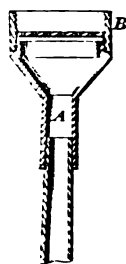
87323—G. S. Batcheller—Lutter Tub.



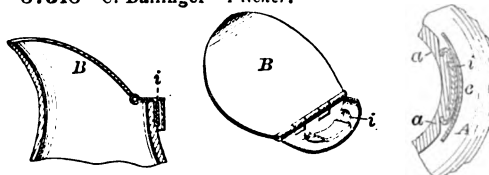
87317—N. P. Akin—For Drying and Finishing Tubular Knitted Fabrics.



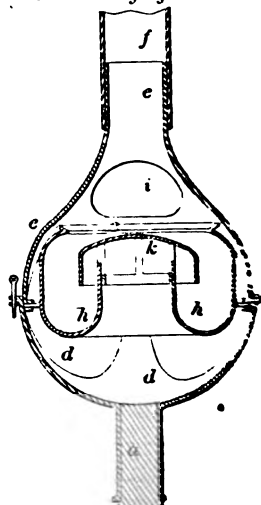
87321—J. Harrow—Sprinkler.



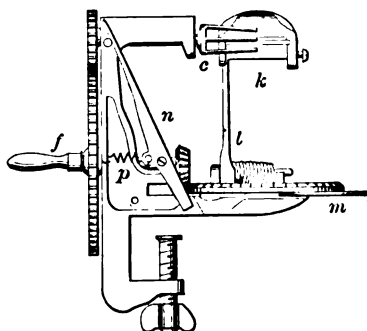
87318—C. Ballinger—Pitcher.



87324—Baudouin &amp; Fteley—For Destroying Insects.



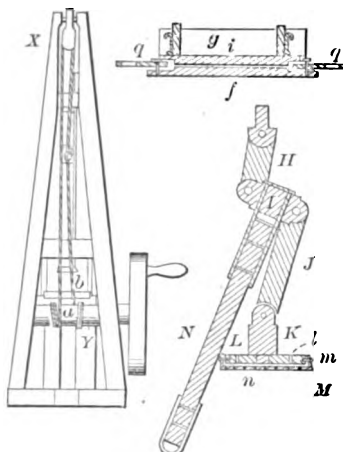
87322—A. G. Batchelder—Apple Parer.



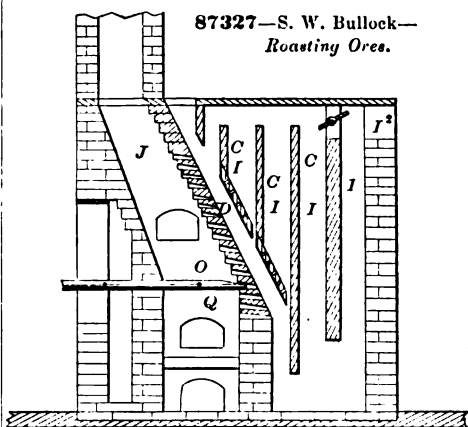
87328—A. H. Daniels—Bale Hand Shears.



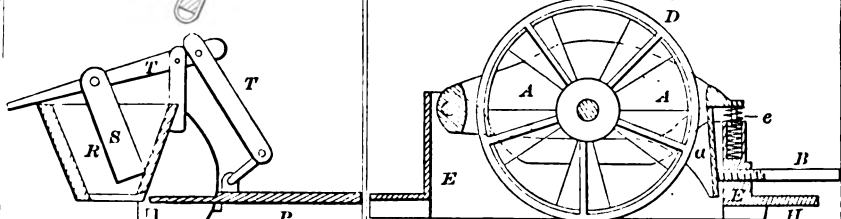
**87326—B. Bisbee—Brick Machine.**



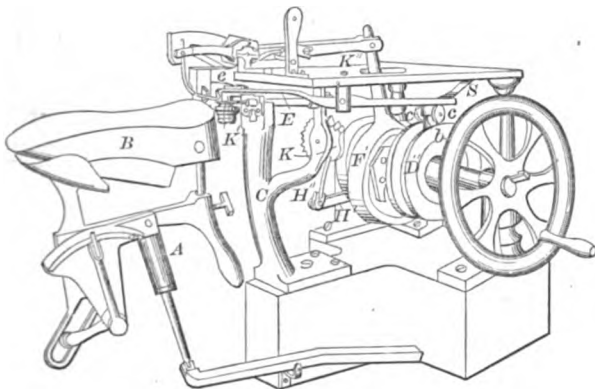
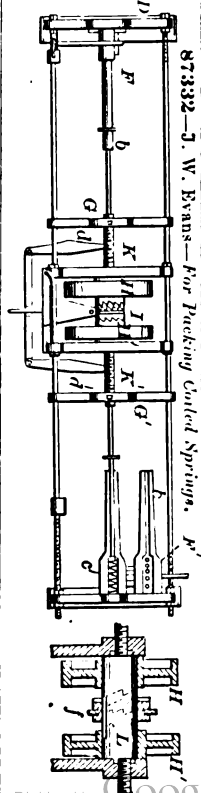
**87327**—S. W. Bullock—  
*Roasting Ores.*



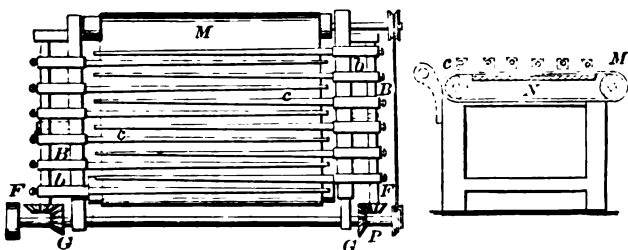
**87329—M. L. Deering—***Sliding Door Sheaves.*

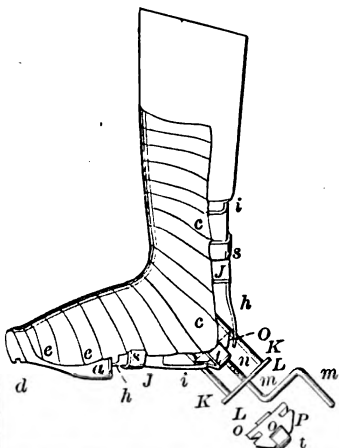
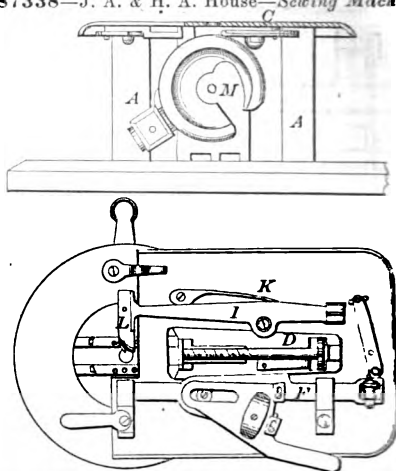
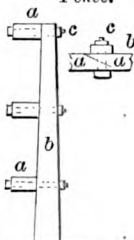
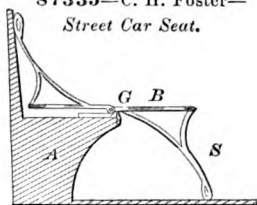
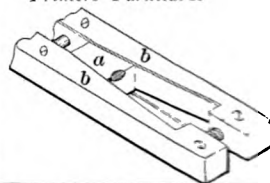
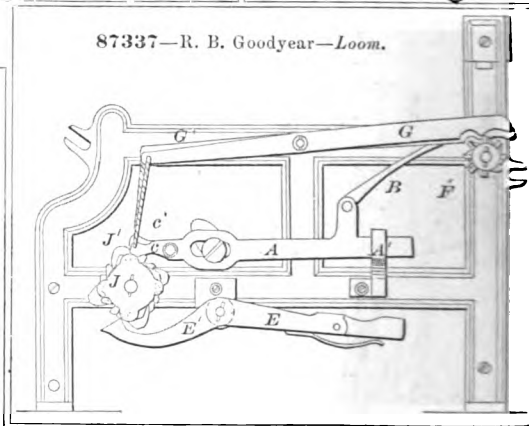
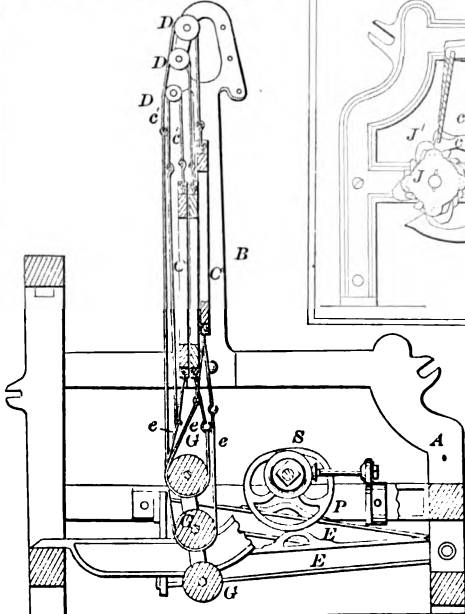
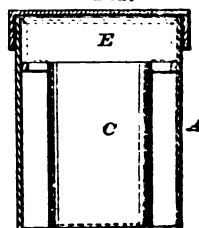


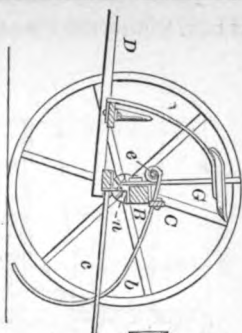
**87331—G. W. Eldridge—Sewing Machine.**

87:332—J. W. Evans—*For Packing Coiled Springs*

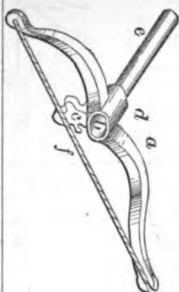
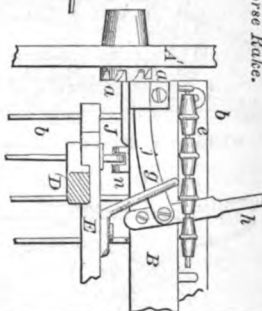
**87330**—E. Eaton—*For Whipping Cloth.*



87333—B. C. Finfrock—*Boot Crimp.*87338—J. A. & H. A. House—*Sewing Machine.*87336—E. L. Fraker—*Fence.*87335—C. H. Foster—*Street Car Seat.*87339—T. J. House—*Printers' Furniture.*87337—R. B. Goodyear—*Loom.*87341—B. H. Jenks—*Loom.*87334—M. Fitzgibbons—*Fr-Box.*

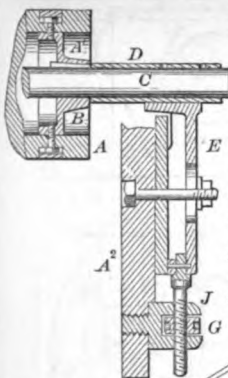


87343—Laurer & Eisenhart—Horse Rake.

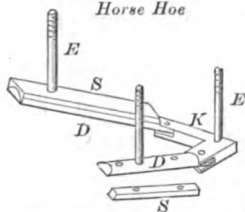


87344—F. W. Judd—Toy Bow.

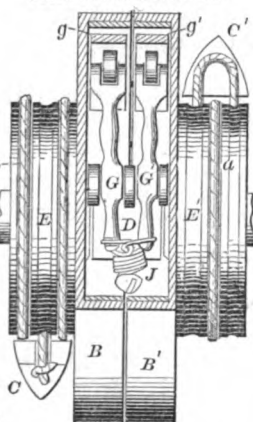
87342—B. H. Jenks—Carding Engine.



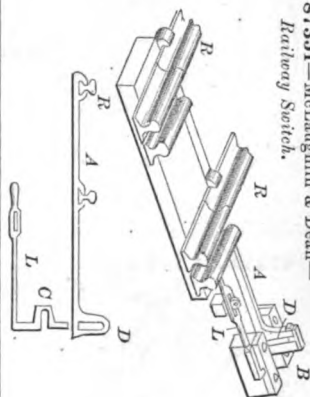
87347—C. Lobdell—Horse Hoe



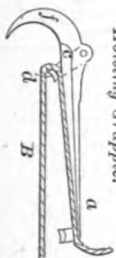
87353—G. R. Metten—Mechanical Movement.



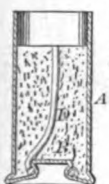
87351—McLaughlin & Dean—Railway Switch.



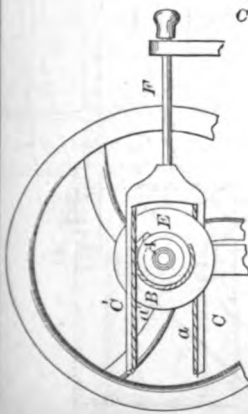
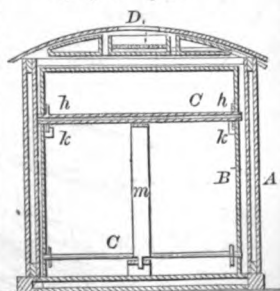
87349—T. McGrath—Hoisting Grapple.

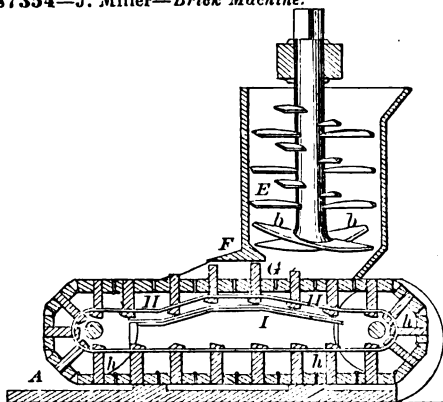
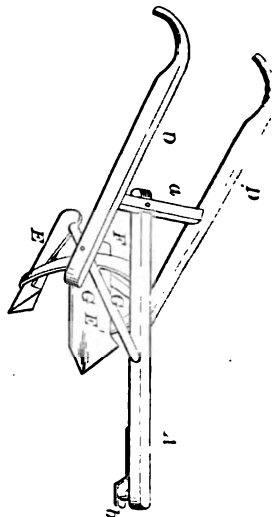
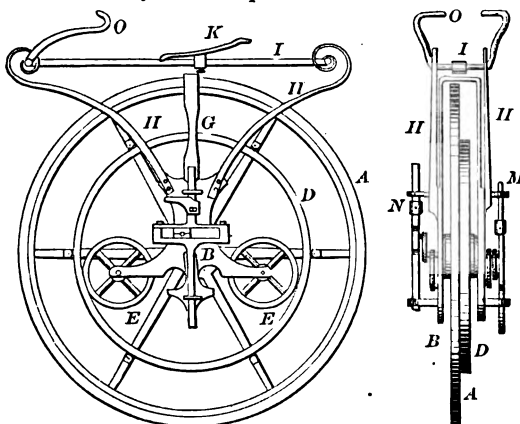
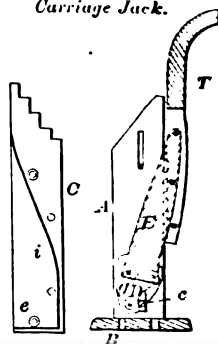
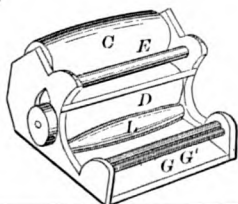
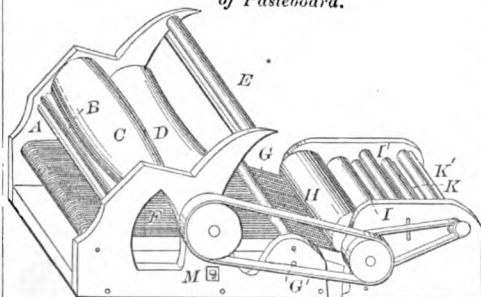
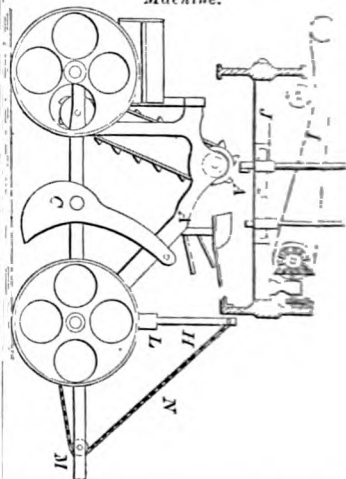


87352—J. V. Maigs—Cartridge.

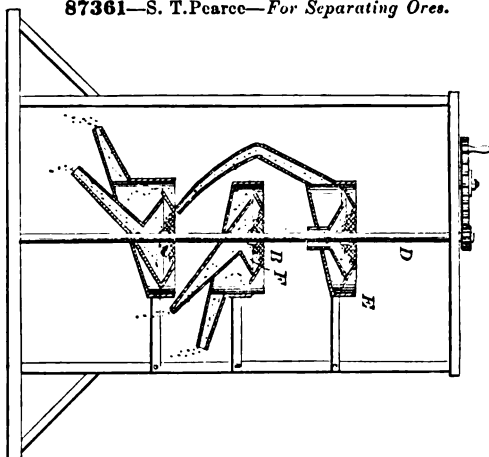


87348—A. L. McCrea—Refrigerating Car.

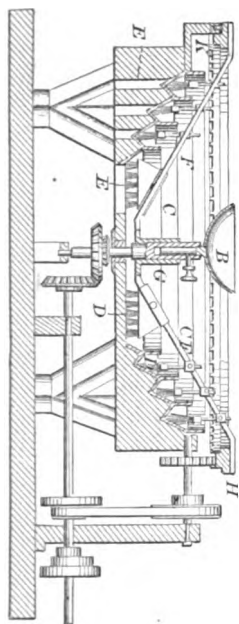


87354—J. Miller—*Brick Machine.*87356—G. Notman—*Plox.*87355—F. Myers—*Velocipede.*87358—C. H. Paine—*Carriage Jack.*87359—H. L. Palmer—*For the Manufacture of Pasteboard.*87357—A. B. Overbaugh—*D. tek Machine.*

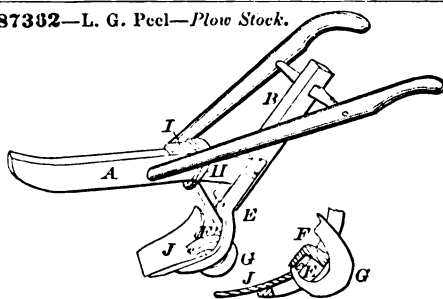
87361—S. T. Pearce—For Separating Ores.



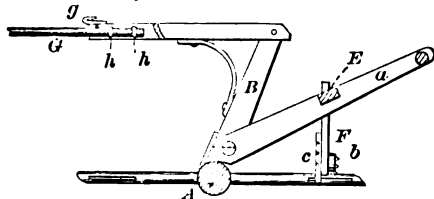
87360—S. T. Pearce—Ore Separator.



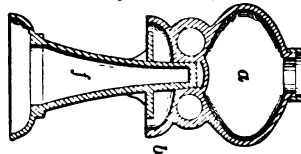
87362—L. G. Peel—Plow Stock.



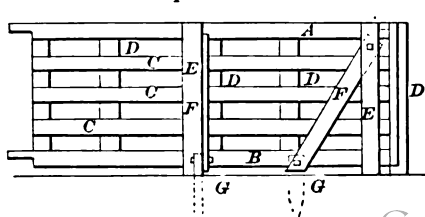
87363—J. Perry—Horse Rake.



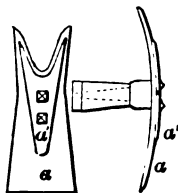
87367—D. C. Ripley—Lamp.



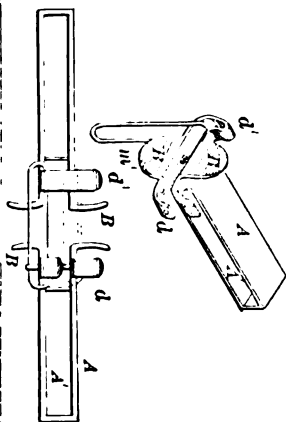
87364—T. E. Phillips—Fence.

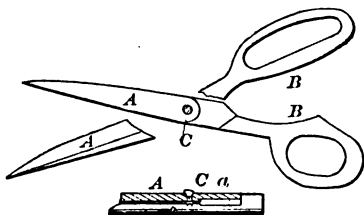
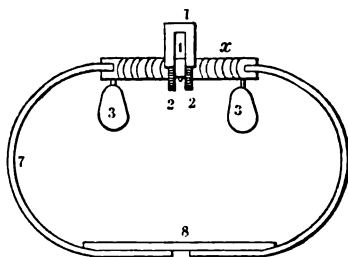
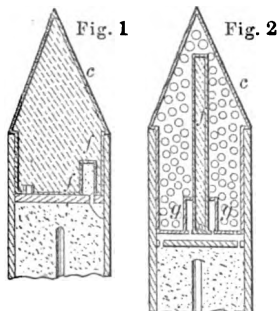
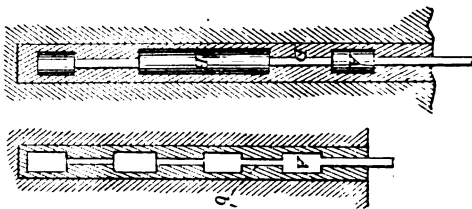
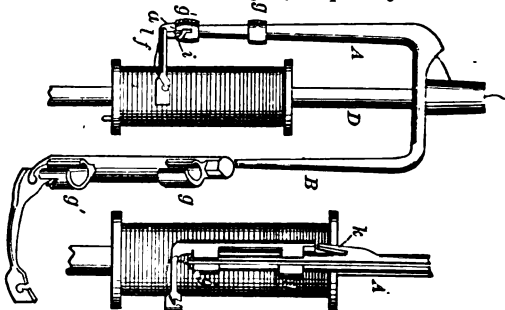
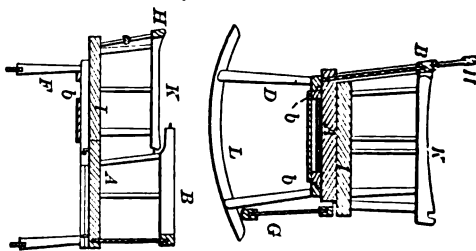
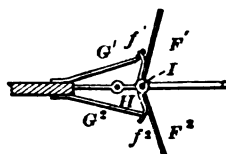
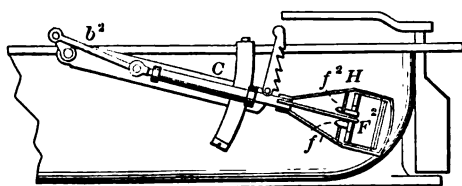


87368—A. M. Ross—Hoe.

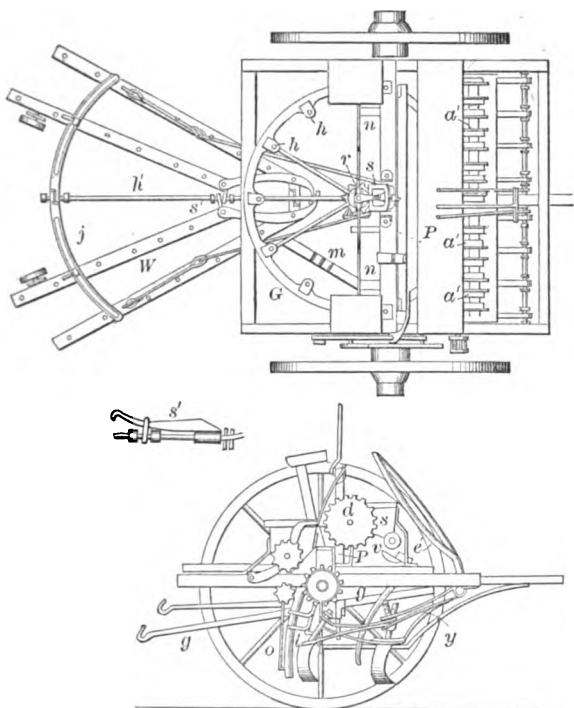


87366—T. R. Power—Car Coupling.

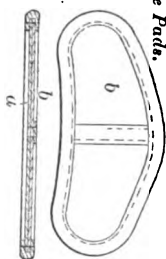


87369—J. Ryals—*Construction of Shears.*87370—W. Schnebly—*Truss.*87371—T. P. Shaffner—*Rocket.*87372—T. P. Shaffner—*Blasting in Oil Wells, &c.*87374—A. W. Smith—*Plyer for Spinning Machines.*87378—M. Studley—*Cradle Chair.*87375—C. T. Smith—*Propelling Apparatus.*

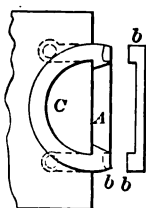
**87376**—H. Smith—*Corn Planter, Grain Drill and Harrow.*



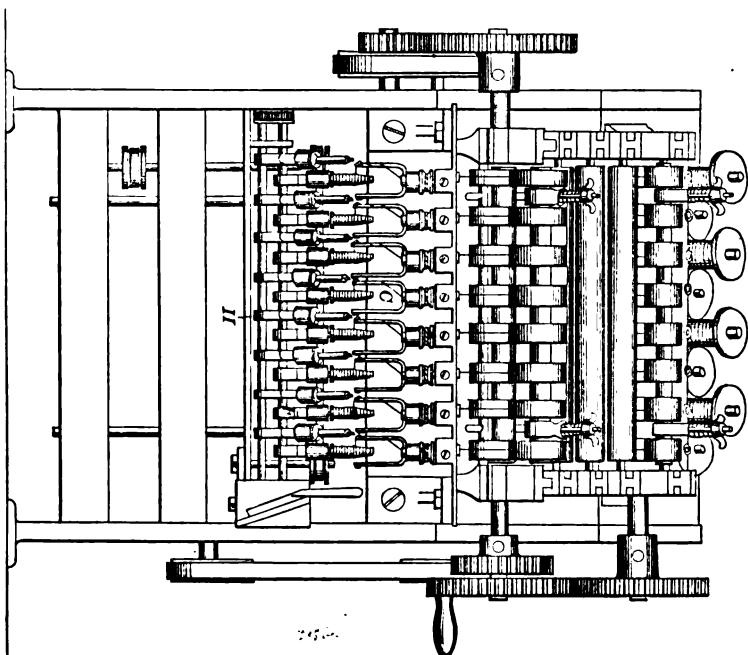
**87379**—R. C. Sturges—*Sweat Shield for Saddle Pads.*



**87380**—Sugg & Metz—*Hedeland Patenting.*

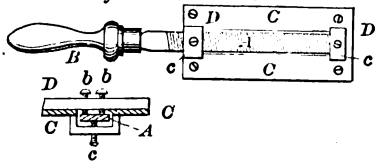


**87377**—J. Speight—*Spinning Machine.*

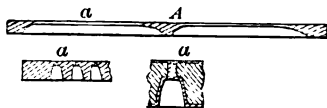




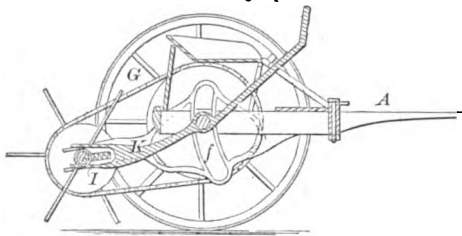
**87381**—W. G. Tuttle—*File for Gauging the Teeth of Cross Cut Saws.*



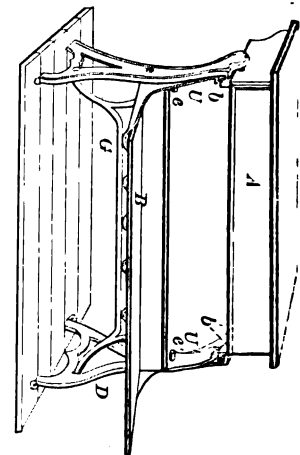
87385—A. S. Winchester—*Screen for Paper*  
          a          A                                Pulp.



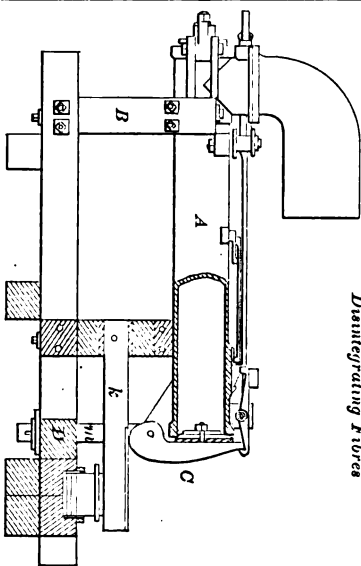
**87383**—M. N. Ward—*Hay Spreader.*



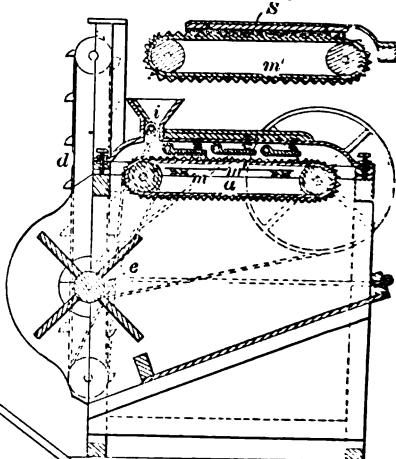
**A7:340—W. R. Woolton School Desk and Seat.**



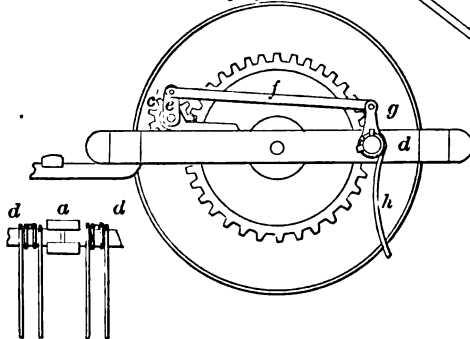
87387-II. Allen—Value of Steam Gun for Separating and Disintegrating Fibres



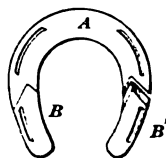
**87388—A. Angell—Hulling Machine.**



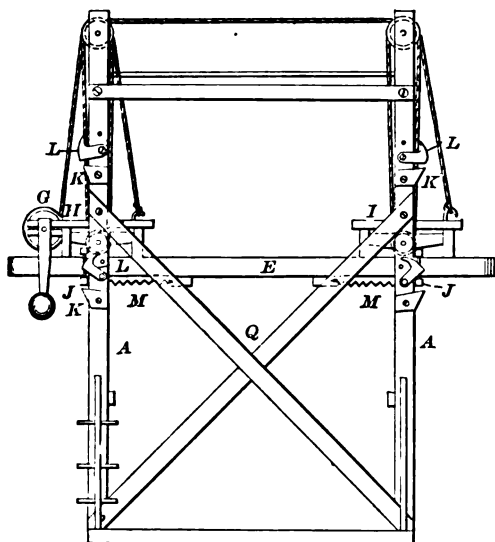
**87392**—N. Brand—*Hay Spreader.*



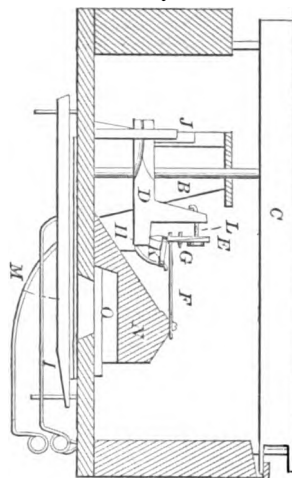
**87384—W. Riekie—Horse Shoe.**



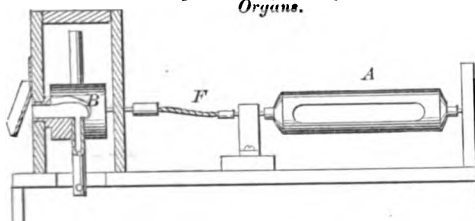
87389—F. App—Scaffold.



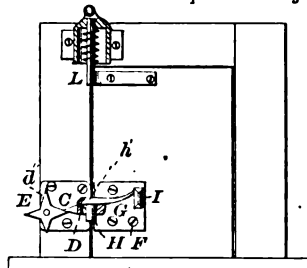
87394—R. W. Carpenter—Reed Organ.



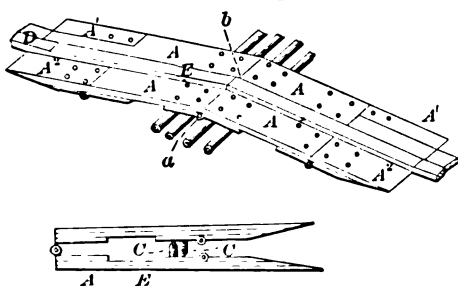
87395—R. W. Carpenter—Operating Tremolos in Organs.



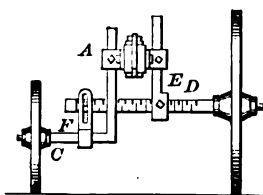
87396—L. R. Chapman—Hinge.



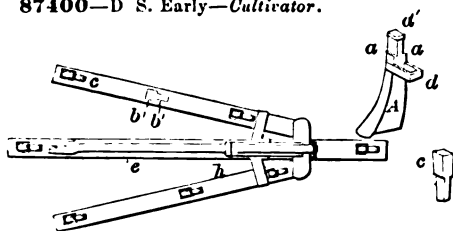
87399—C. C. Dow—Car Jumper.



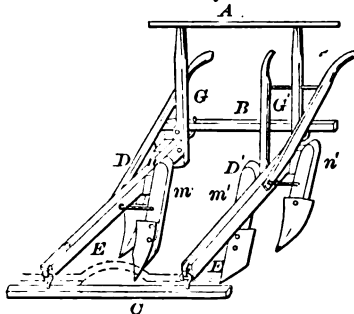
87398—J. Clees—Plow Truck.



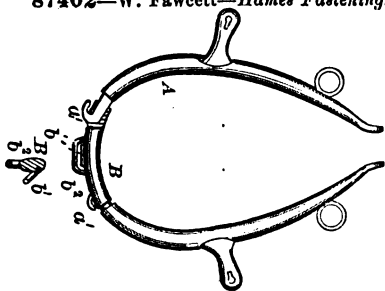
87400—D. S. Early—Cultivator.



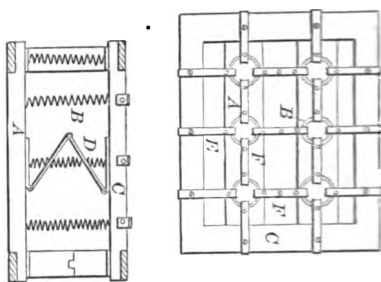
87401—B. M. Ely—Cultivator.



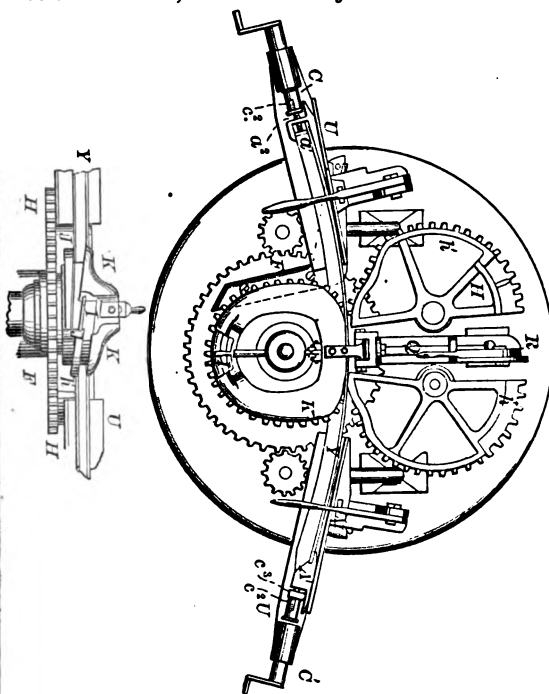
87402—W. Fawcett—Hames Fastening.



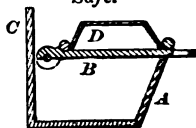
87403—J. A. Fegan—Spring Bed Bottom.



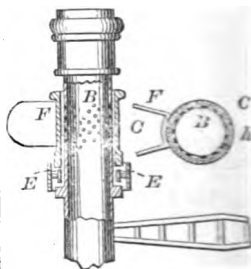
87404—R. Fitts, Jr.—For Bending Wood.



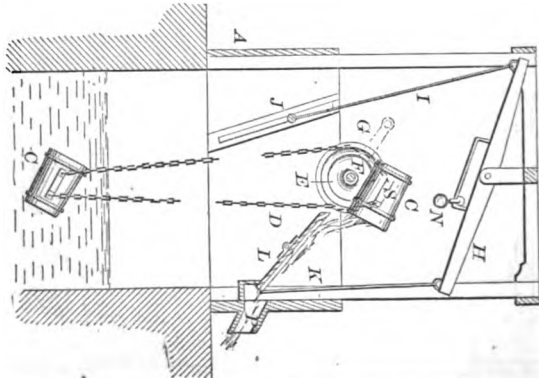
87405—J. E. Folk—Match Safe.



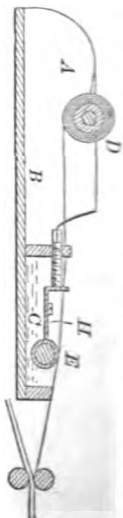
87406—E. H. Garrigue—Spark Arrester.



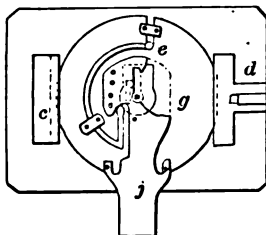
87408—W. G. Hamilton—Water Elevator.



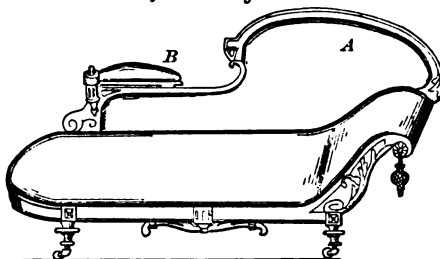
87107—W. E. Hile—For the Manufacture of Parlbord.



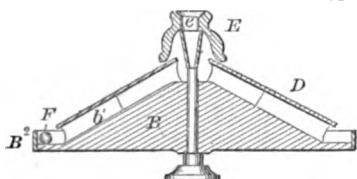
**87409**—A. Harroun, Jr.—  
*Button Hole Sewing Machine.*



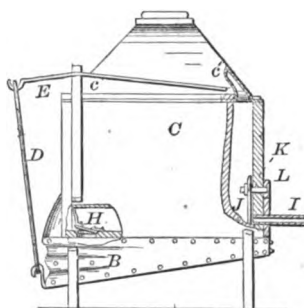
**87411**—F. Hayek—*Lounge.*



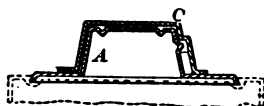
**87410**—G. Hauschild—*Roulette Apparatus.*



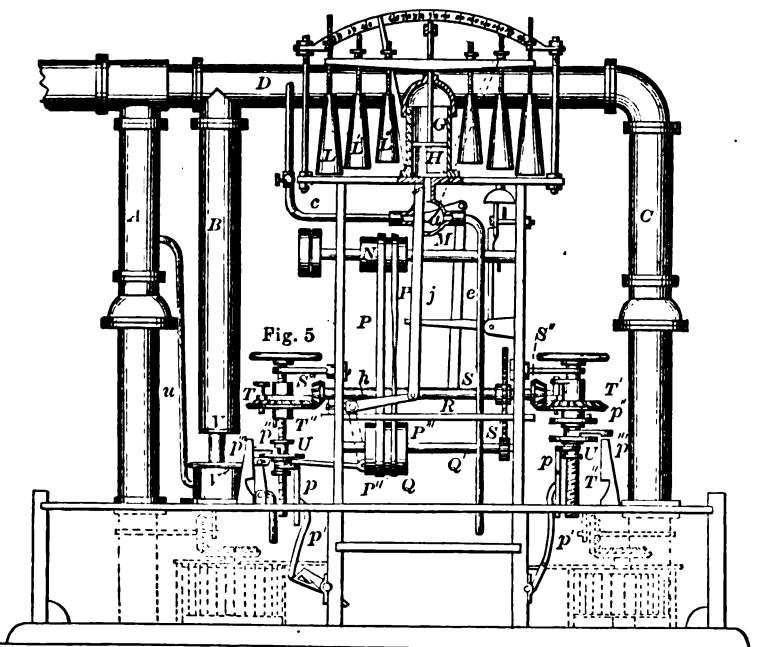
**87412**—J. P. Hemmingsen—*Bellows.*



**87415**—J. I. Livingston—*Cap for Cans.*

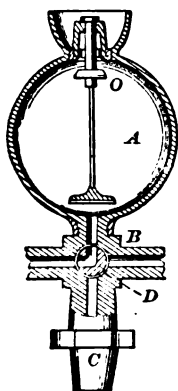


**87413**—B. Holly—*Water Supply Regulator for Water Works.*





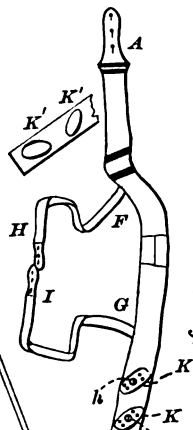
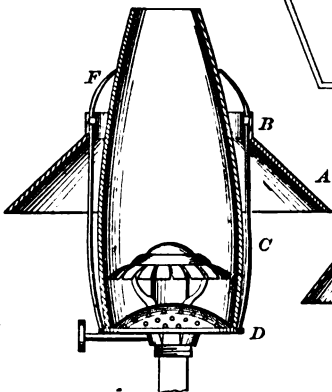
87423—W. McCully—Lubricator.



87425—R. McLarn—  
Thatching for Grain.

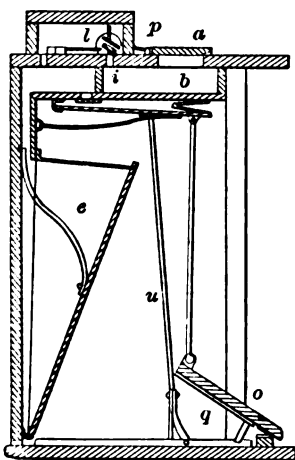


87428—J. F. Phelps—  
Lamp Shade.

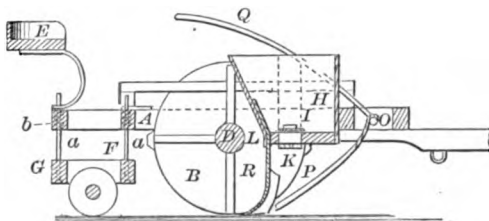


87424—R. McGee—Truss Fastening.

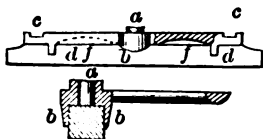
87427—R. W. Pain—Tremolo  
for Wind Instruments.



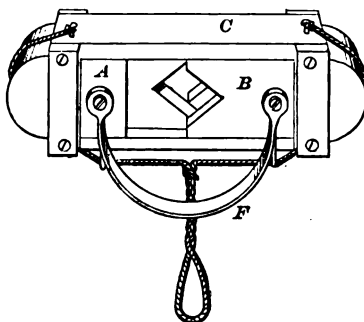
87426—G. Paddington—Seeding Machine.



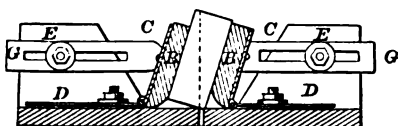
87429—H. Poth—Fifth  
Wheel for Carriages.



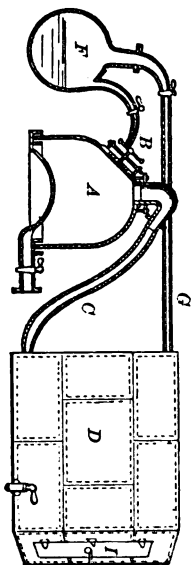
87431—N. L. Revere—Centering Device.



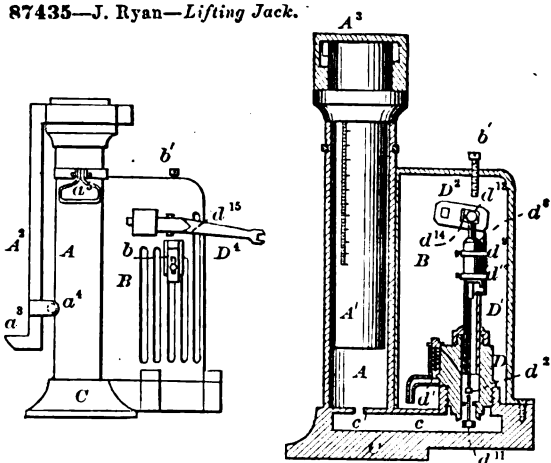
87430—J. H. Preston—For Sawing  
Saddle Tree Stuff.



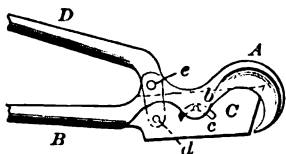
87432—Robbins &amp; Southmayd—For Preparing Bamboo Fire.



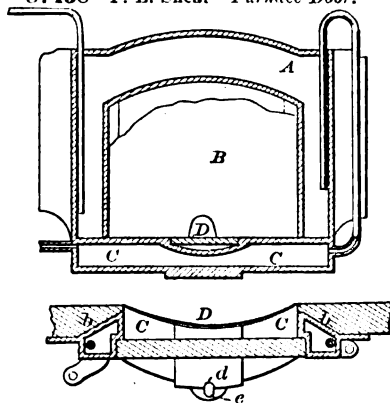
87435—J. Ryan—Lifting Jack.



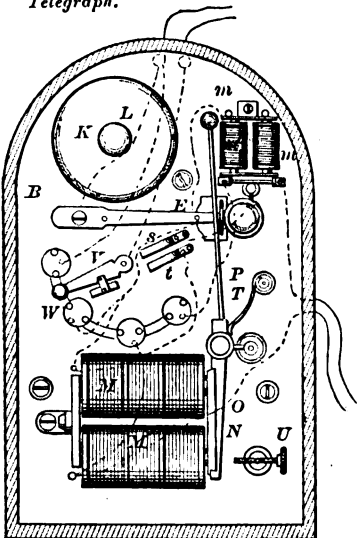
87436—D. B. Seeley—Pruning Shears.



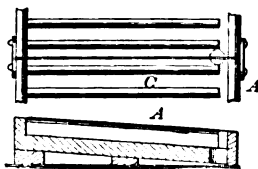
87438—P. E. Shear—Furnace Door.



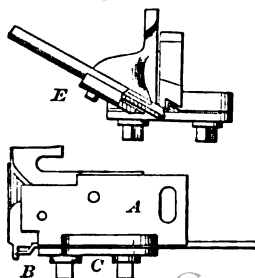
87439—W. R. Smiley—Fire Alarm Telegraph.



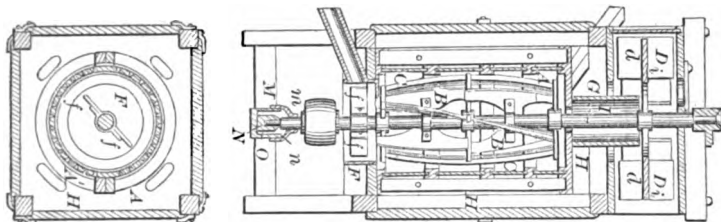
87437—F. C. Sexton—Tanners' Table.



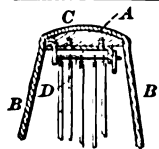
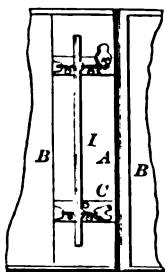
87440—G. W. Spencer—Shoe Knife.



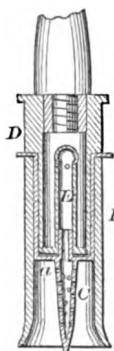
87441—W. P. Springer—*Smut Machine.*



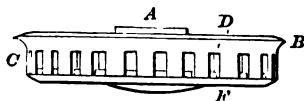
87443—Sullivan & Reedy—*Paper Filer.*



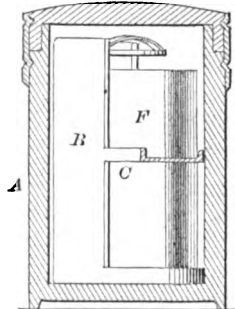
87444—A. Tappe—*Smoking Pipe and Cigar Holder.*



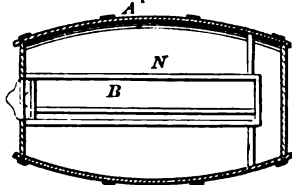
87445—T. R. Timby—*Car Wheel.*



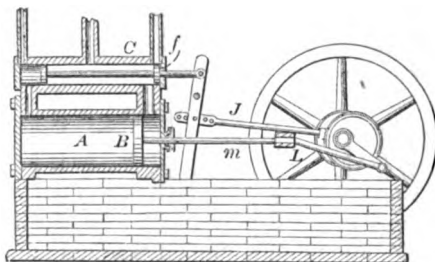
87446—T. R. Timby—*For Preserving Butter and other Articles.*



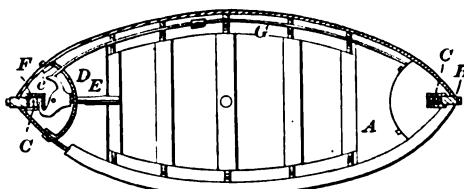
87447—G. Verplacise—*Barrel.*



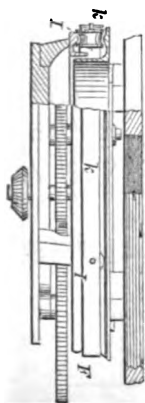
87448—H. B. Verry—*Valve Gearing.*



87449—E. Wakeman—*Boat Detaching Apparatus.*



87450—S. Wheeler—*Horse Power.*



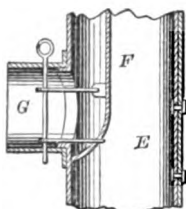
87451—L. F. & O. P. Whitman—*Shoe Fastening.*



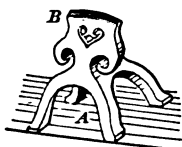




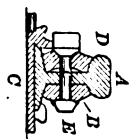
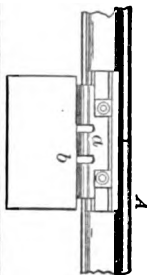
87459—J. W. Bates—  
Store Pipe.



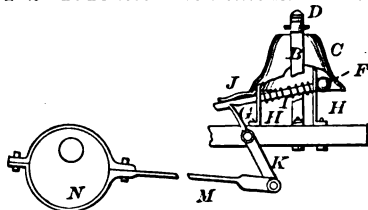
87461—S. Boden—  
Violin Bridge.



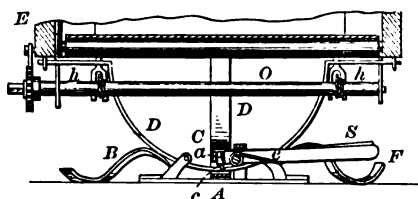
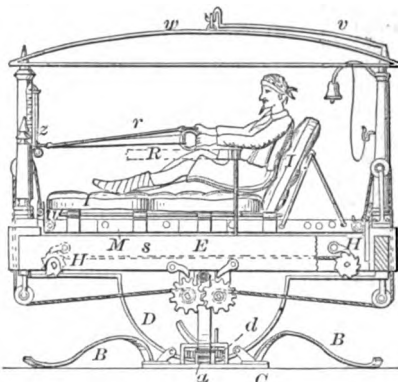
87460—G. W. R. Bayley—Lock Nut.



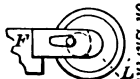
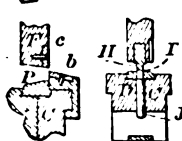
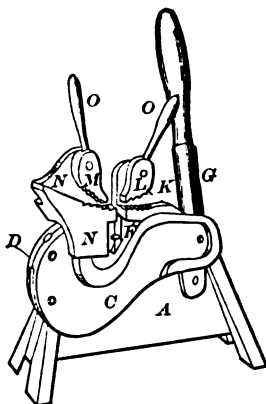
87462—B. Briscoe—Locomotive Alarm Bell.



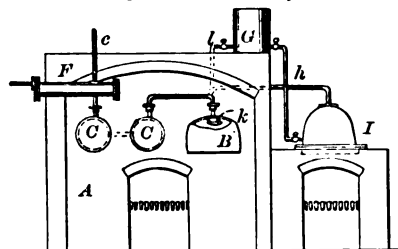
87463—S. S. Brown—Bed and Bedstead.



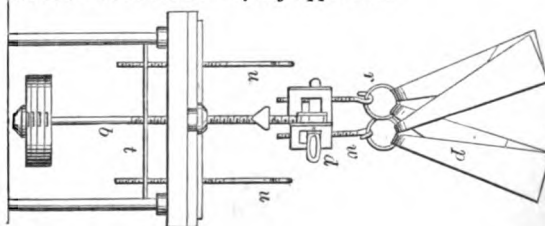
87464—D. C. Burdick—Punch Shears and Iron Shrinker.



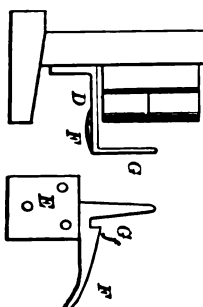
87466—C. Carpenter—Gas Manufacture.

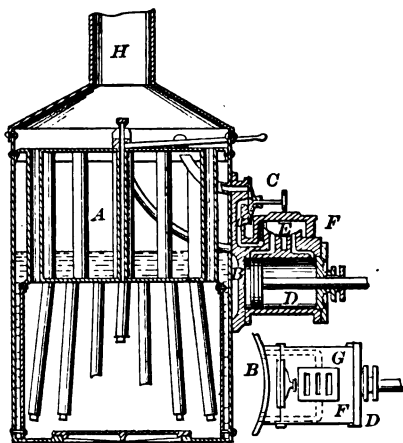
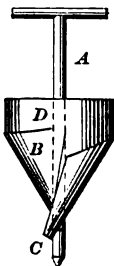
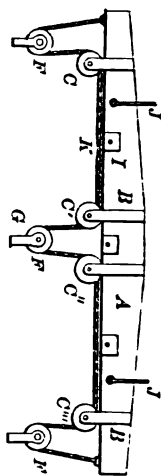
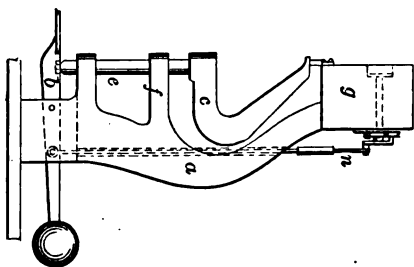
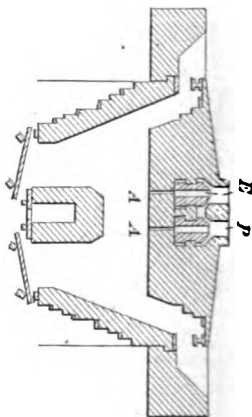
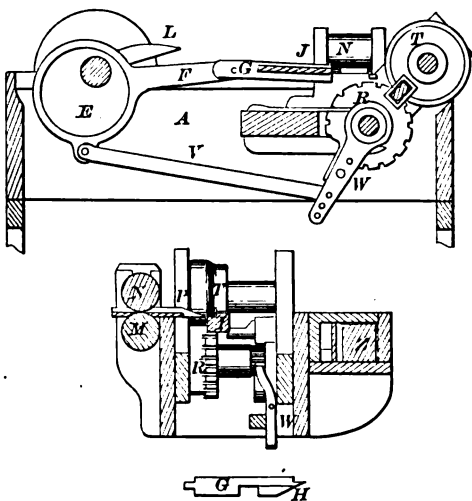
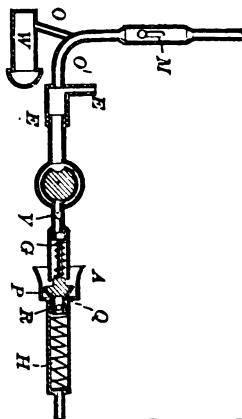


87465—D. P. Butler—Lifting Apparatus.

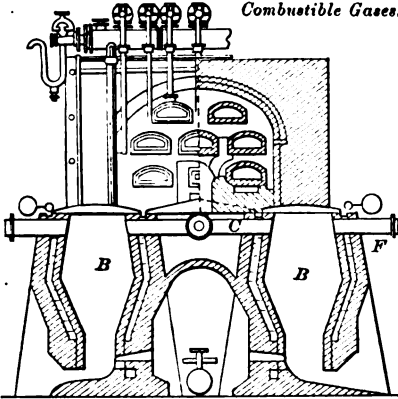


87468—E. S. Collier—  
Shutter Fastener.

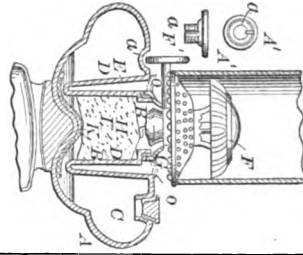


87468—M. R. Clapp—*Steam Engine Mechanism.*87470—S. W. Corbin—*Post Hole Auger.*87471—J. H. Coveney—*Three Horse Equalizer.*87473—J. B. Crosby—*Nailing or Pegging Machine.*87470—C. M. T. du Molay—*For Hurving Gases.*87474—F. Davison—*For Making Spikes.*87472—A. C. Crary—*Railroad Car Router.*

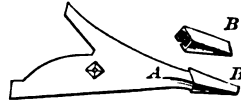
**87478—C. M. T. du Motay—For Generating Combustible Gases.**



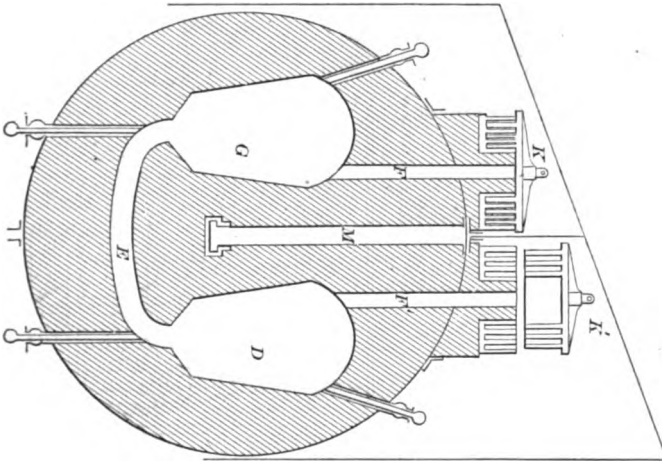
**87480—R. N. Eagle—Lamp Burner.**



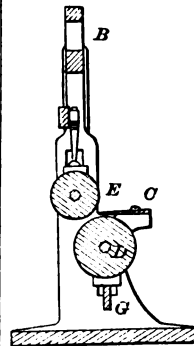
**87484—Gero & Cooley—Flow Point.**



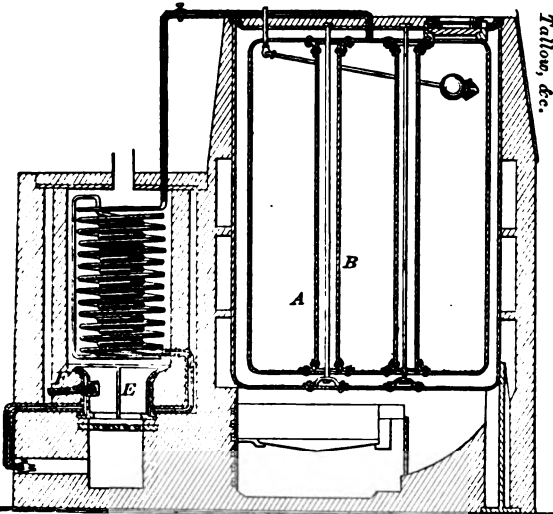
**87470—C. M. T. du Motay—Iron and Steel Manufacture.**



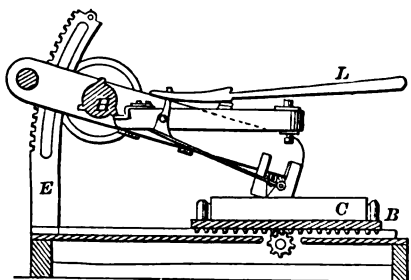
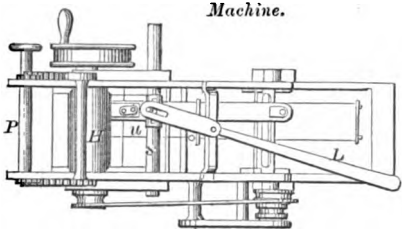
**87481—H. Eisher—Leather Cutting Machine.**



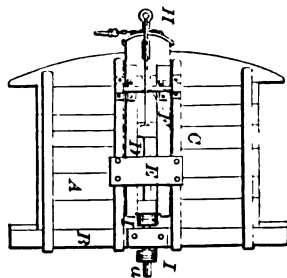
**87482—C. J. Everett—For Rendering Lard, Tallow, &c.**



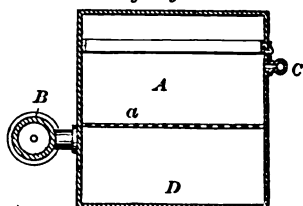
**87483—A. M. George—Stone Dressing Machine.**



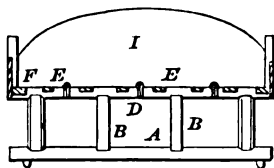
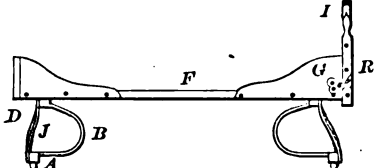
**87486—J. C. Gove—Street Car Draw Bar.**



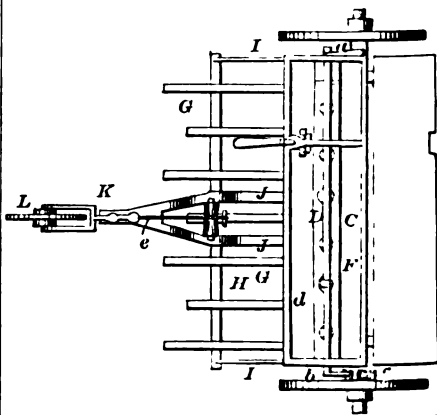
**87487**—W. H. Guild—*For Purging and Draining Sugar.*



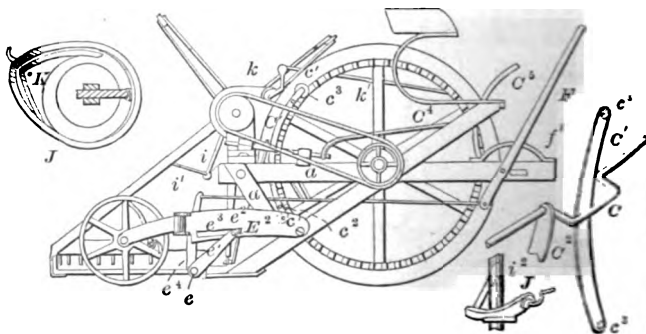
87489—J. J. Harris—*Bed Bottom.*



87490—A. Hathaway—Seed Saver.



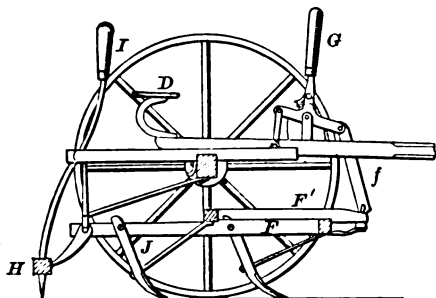
**87488—J. C. Hall—*Harvester.***



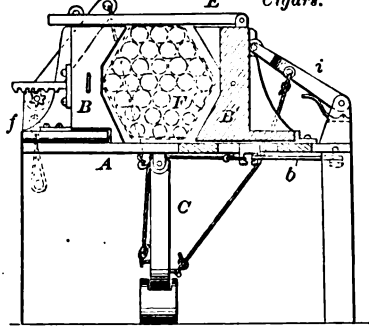
87491-R. Hayden—Ice Tongue.



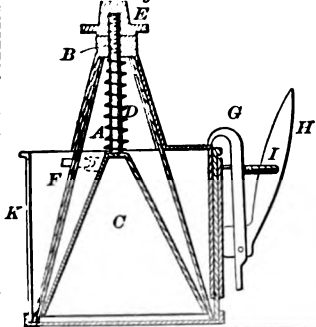
87492—G. J. Hayes—Cultivator.



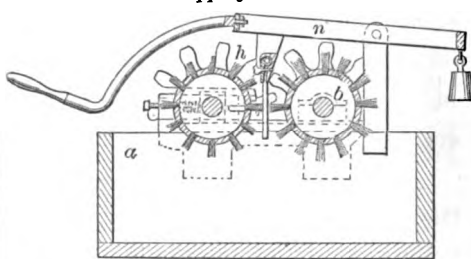
87493—F. A. Henckell—For Bundling Cigars.



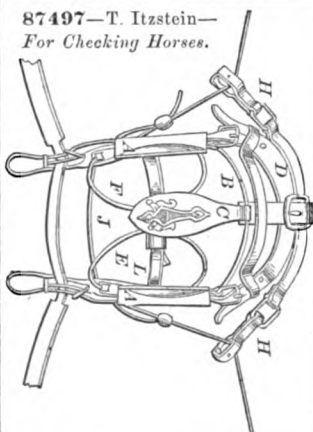
87494—W. H. Henderson—For Soldering Tin Cans.



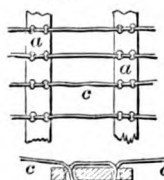
87495—J. W. Hopkins—For Brushing and Napping Hats.



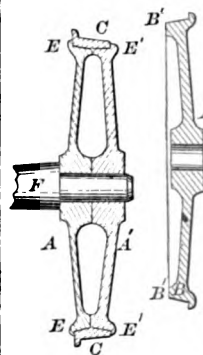
87497—T. Itzstein—For Checking Horses.



87499—S. B. Kline—Fly Net.



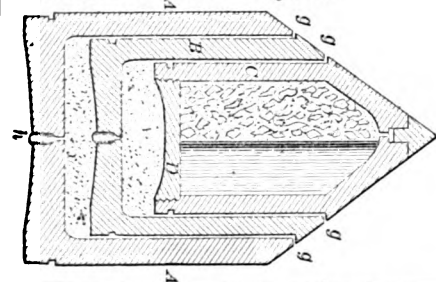
87496—R. B. Huggins—Car Wheel.



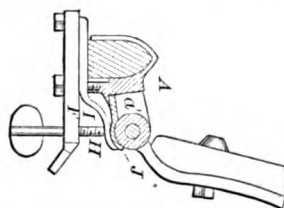
87500—Le G. Kniffen—Buckle.



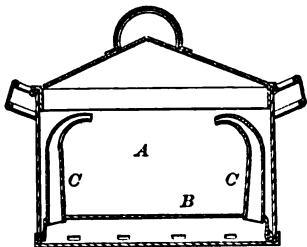
87498—R. H. Jones—Projectile.



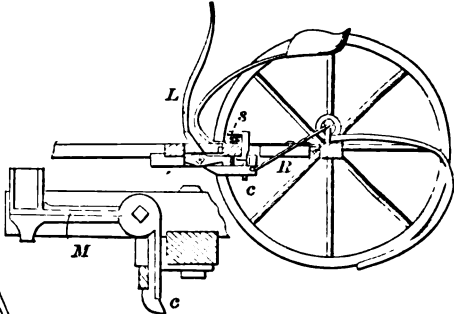
87501—E. Lane—Thill Coupling.



**87502—A: Lee—Wash Boiler.**



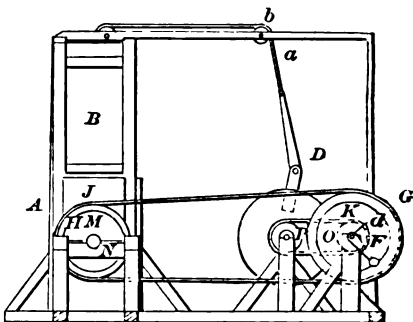
**87504—G. M. L. McMillen—Horse Rake.**



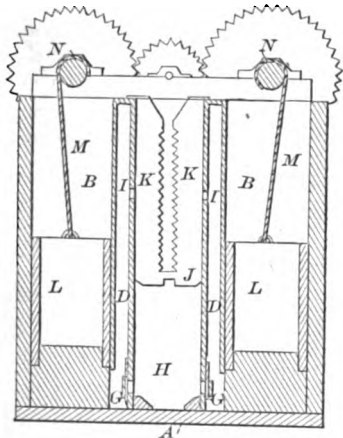
**87503—W. B. Mason—Flat Iron  
Scraper, Polisher and Stand.**



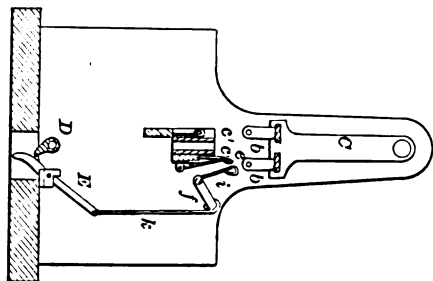
87505—J. J. Morrison—*Cotton Press.*



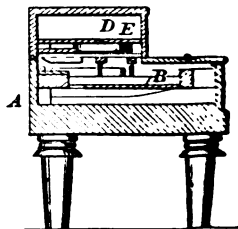
**87507—D. O. Paige—*For Hardening Steel.***



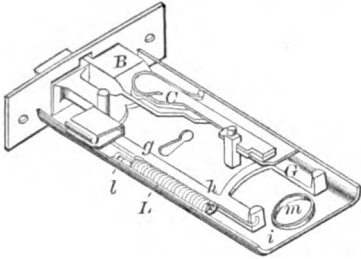
**87508—R. Peberdy—Knitting Machine.**



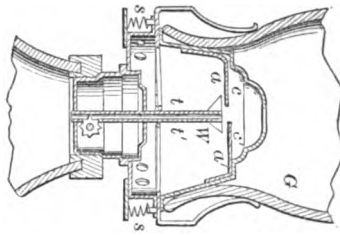
**87509—D. T. Peek—*Piano Forte.***



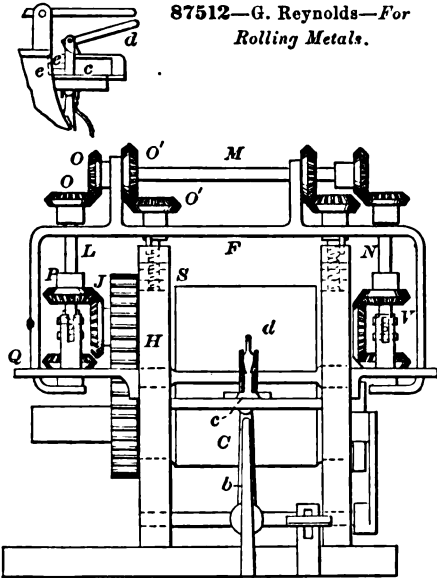
87510—F. P. Pfeghar—*Knob Latch.*



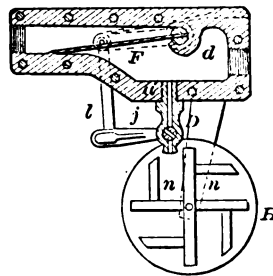
87511—J. Pons—*Lamp Extinguisher.*



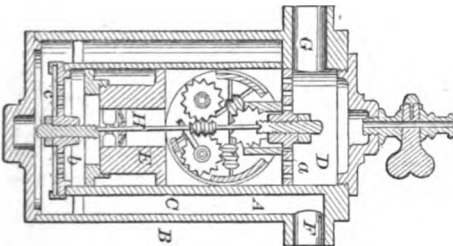
87512—G. Reynolds—*For Rolling Metals.*



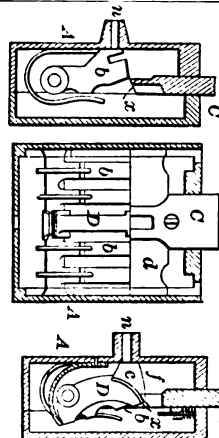
87513—I. Robbins—*Water Meter.*



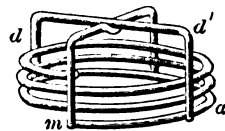
87516—T. A. Searle—*Liquid Meter.*



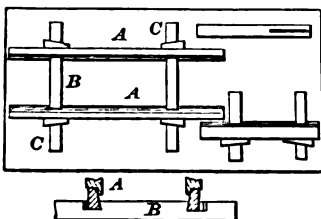
87514—I. Robbins—*Lock.*



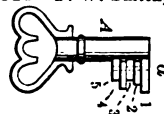
87515—S. B. Rowley—*Fastening for Fruit Jars.*



87517—J. Y. Smith—*Wooden Railway.*

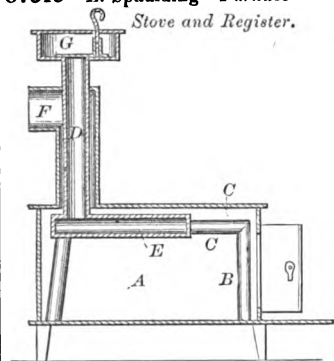


87518—F. W. Smith, Jr.—*Key.*

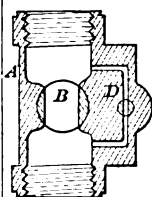




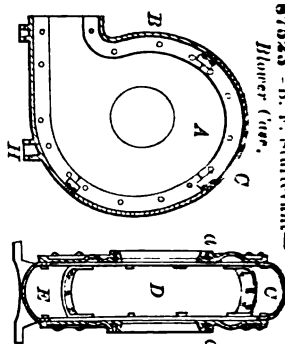
**87519—E. Spaulding—Furnace  
Stove and Register.**



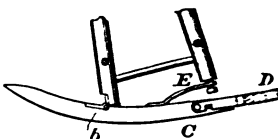
**87522—M. Stratton—Gas Cock.**



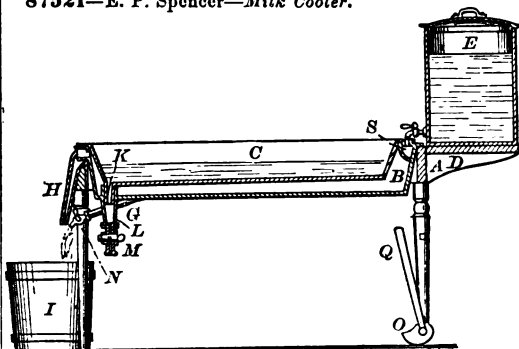
**87523—H. V. Murtvauld—  
Blower (100).**



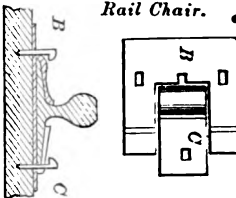
**87520—G. H. Spaulding—  
Chair.**



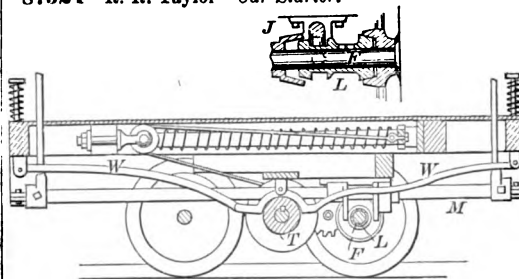
**87521—E. P. Spencer—Milk Cooler.**



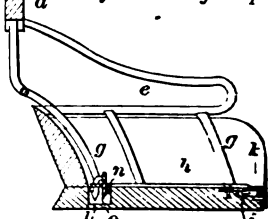
**87525—G. Tefft—Railway  
Rail Chair.**



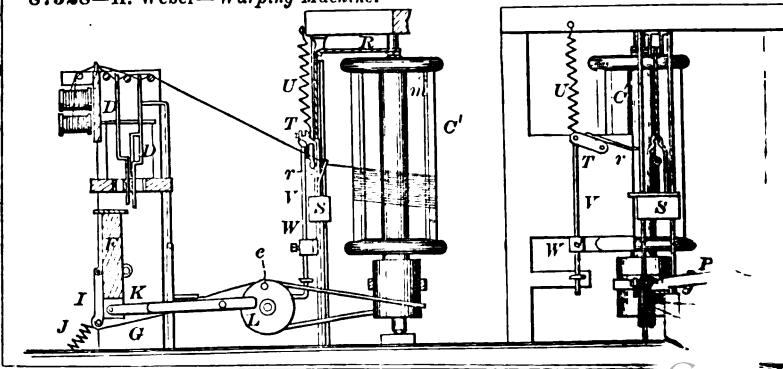
**87524—R. R. Taylor—Car Starter.**



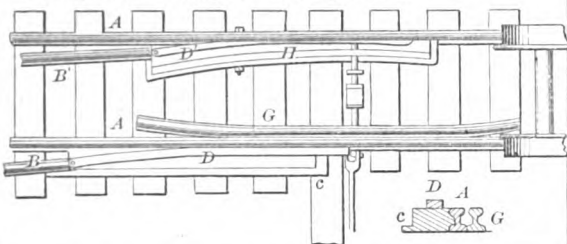
**87527—J. J. Waldron—Skirting  
Rail for Carriage Tops.**



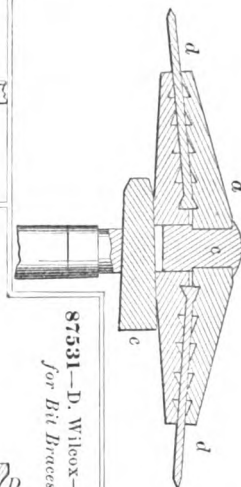
**87528—H. Weber—Warping Machine.**



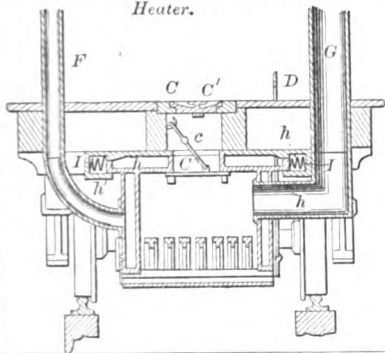
87529—W. Wharton, Jr.—*Railway Switch.*



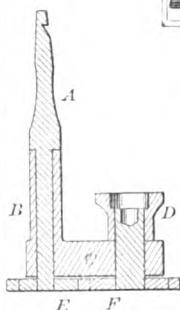
87530—C. Whitehouse—  
*For Dressing Millstones.*



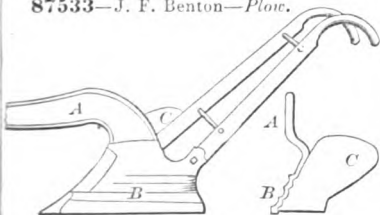
**87532**—W. H. Beal—*Railroad Car Heater.*



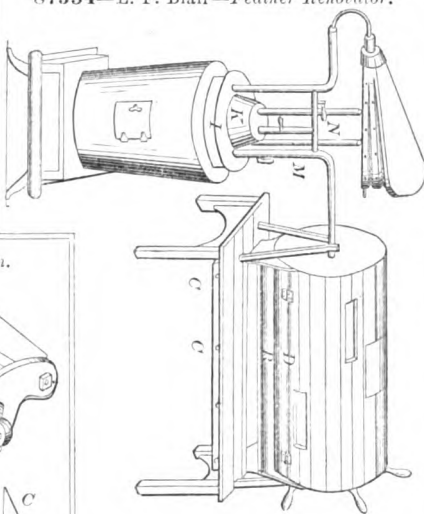
87531—D. Wilcox—*Wrench*  
for *Bit Braces*.



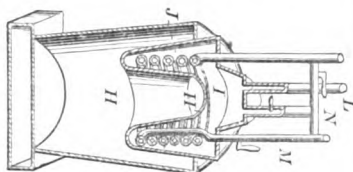
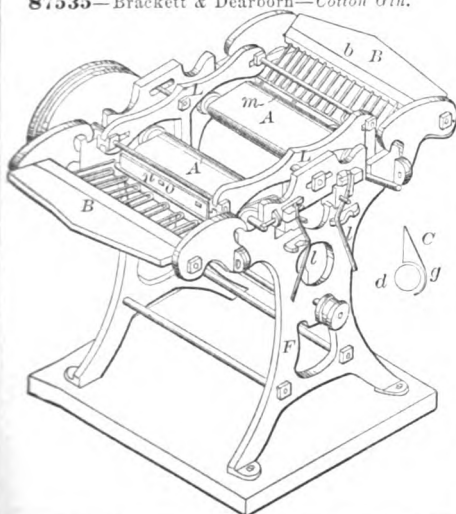
87533—J. F. Benton—*Plow.*

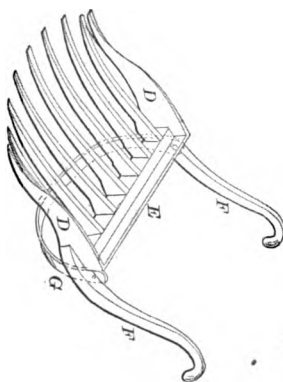


87534—L. F. Blair—*Feather Renovator*.



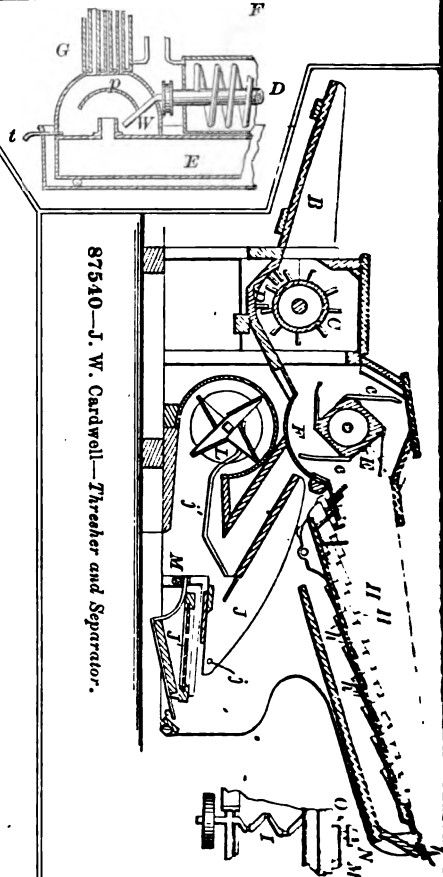
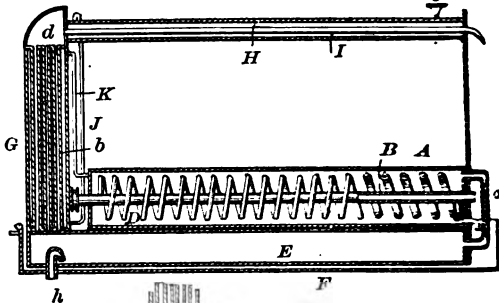
87535—Brckett & Dearborn—*Cotton Gin.*



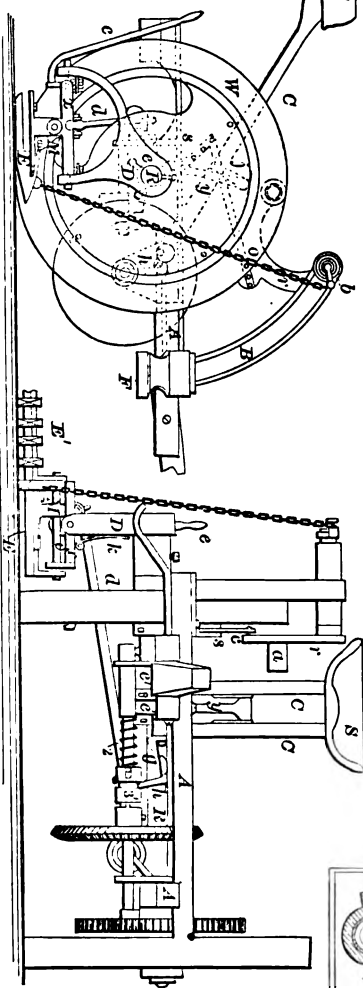


87536—J. I. Brinkerhoff—Potato Digger.

87537—C. H. Budd—Continuous Distillation.

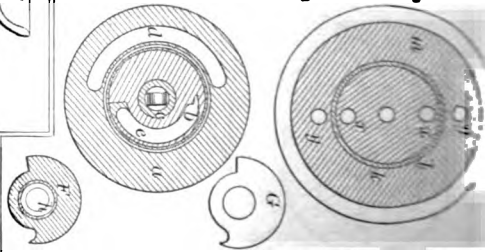


87540—J. W. Cardwell—Thresher and Separator.

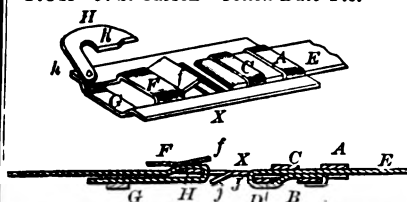


87539—G. E. Burt—Mowing Machine.

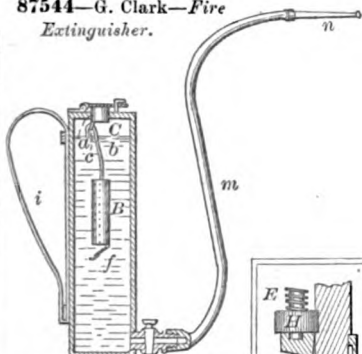
87538—A. R. Buffington—Rotary Gains.



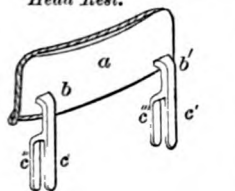
87541—J. S. Carson—Cotton Bale Tie.



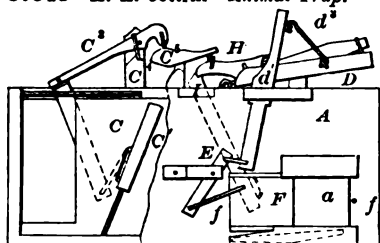
87544—G. Clark—Fire Extinguisher.



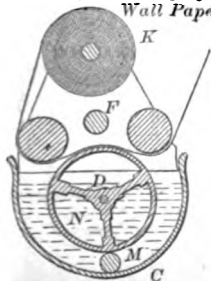
87543—H. E. Churchill—Head Rest.



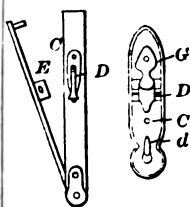
87548—H. H. Cottrell—Animal Trap.



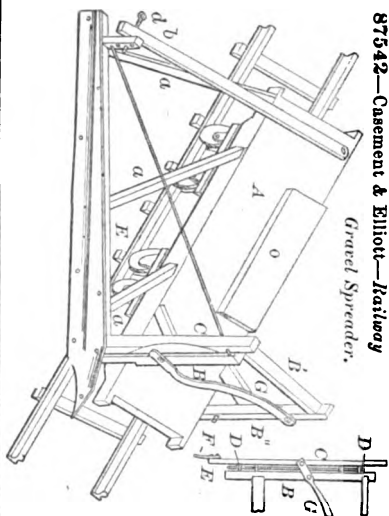
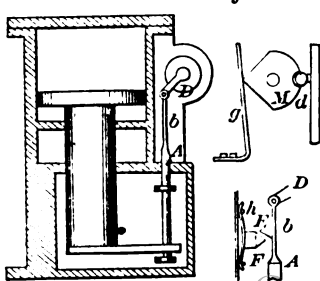
87545—A. H. Clay—For Pasting and Hanging Wall Paper.



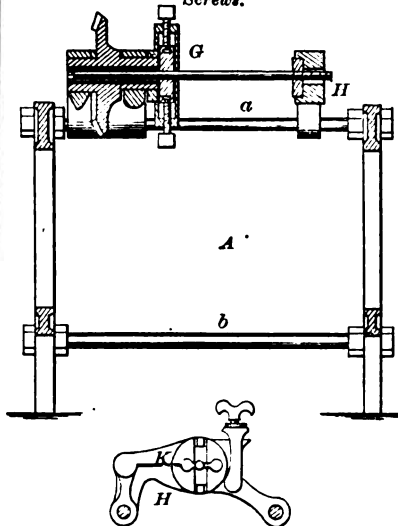
87549—G. Cruch—Carpet Bag Catch.



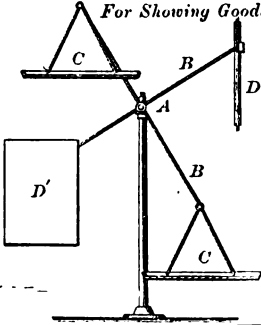
87550—G. H. & C. P. Deane & Gardiner—Steam Engine.



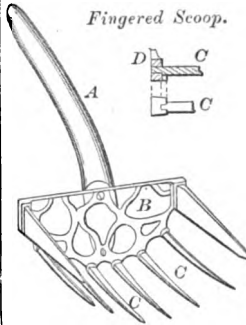
87546—J. A. Cleaveland—For Threading Screws.



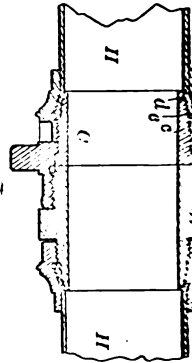
**87551—T. Dickinson, Jr.—**  
*For Showing Goods.*



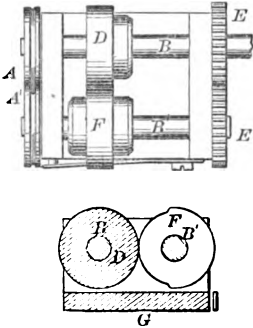
**87553**—H. Doolittle—  
*Fingered Scoop.*



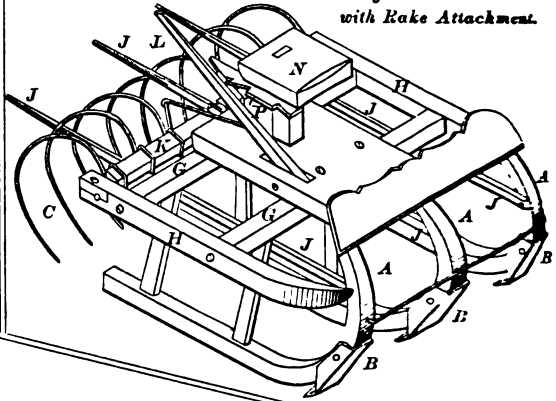
**M7004 -J. Wilson New Coupling.**



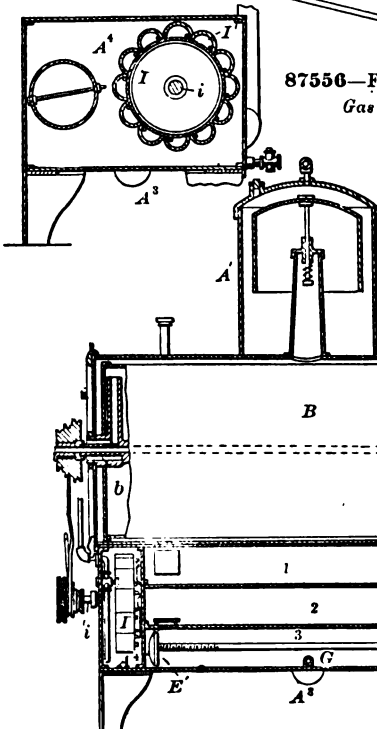
**87555—W. A. Fuskett—**  
*Wire Feed*



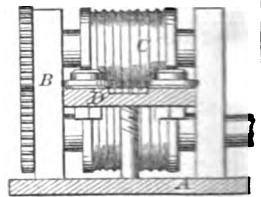
87552—Dickle & Cowan—For Marking Corn Ground with  
with Rake Attachment.



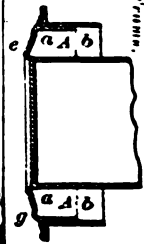
**87556—Foster & Ganster—**  
*Gas Apparatus.*



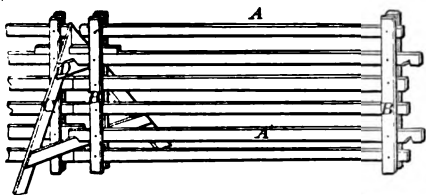
87557—T. Fowler—*For Wire Strips.*



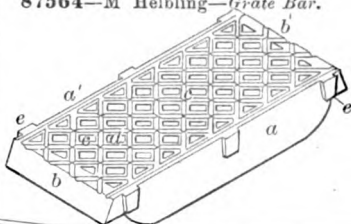
AND CONGRUENCE A 'VOLUME  
HIGHER FROM.



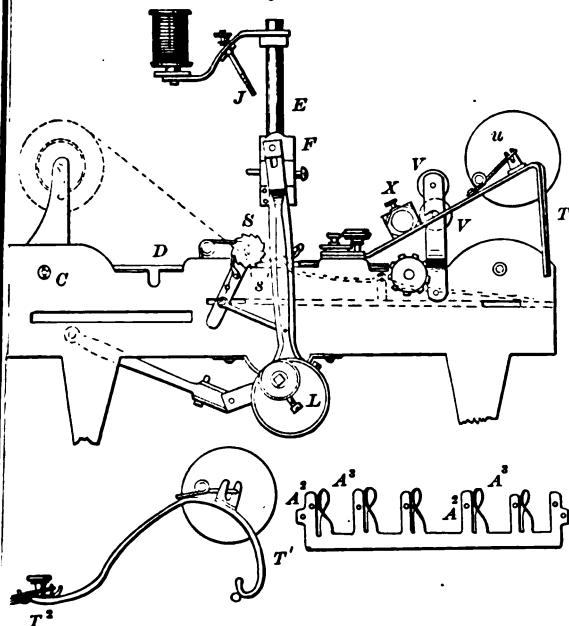
87558—M. J. Gaskill—Fence.



87564—M. Helbling—Grate Bar.



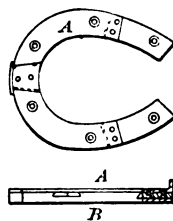
87559—E. D. Gird—Sewing Machine.



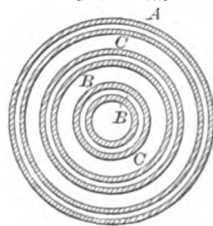
87563—M. Haneline—Buckle.



87565—J. A. Heyl—Horse Shoe.



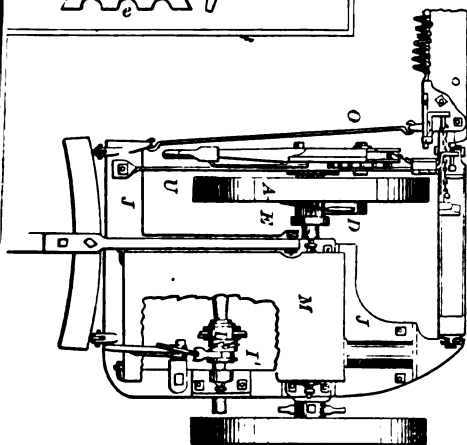
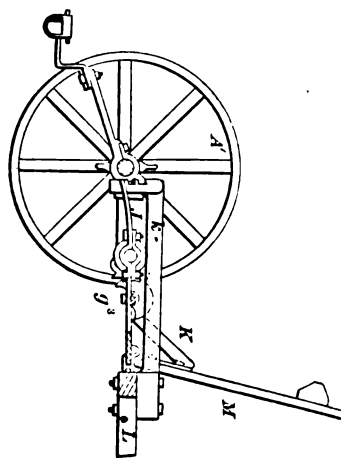
87568—G. H. Johnson—Grain Bin.



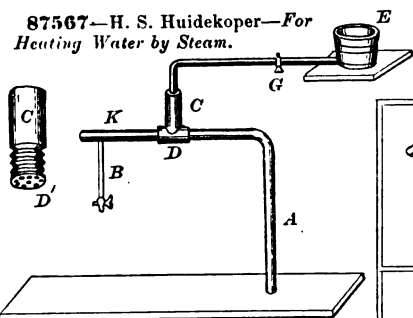
87566—O. A. Hill—Bridge for Playing Pool.



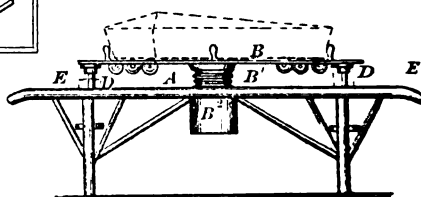
87561—A. B. Graham—Harvester.



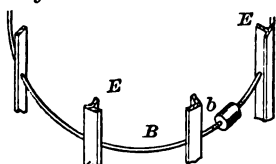
87567—H. S. Huidekoper—For Heating Water by Steam.



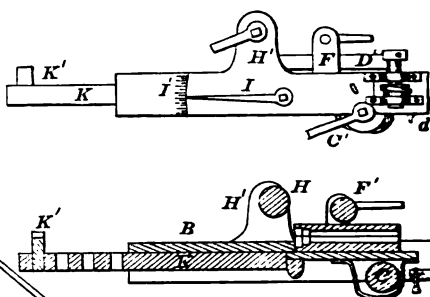
87570—P. Joyce—Coffin Bier.



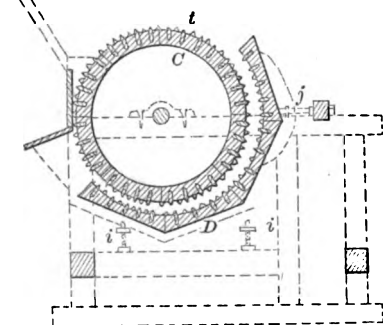
87569—G. H. Johnson—Bracing for Cylindrical Structures.



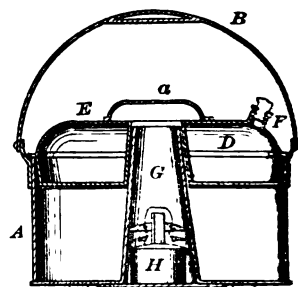
87571—H. R. Ladd—Axle Set.



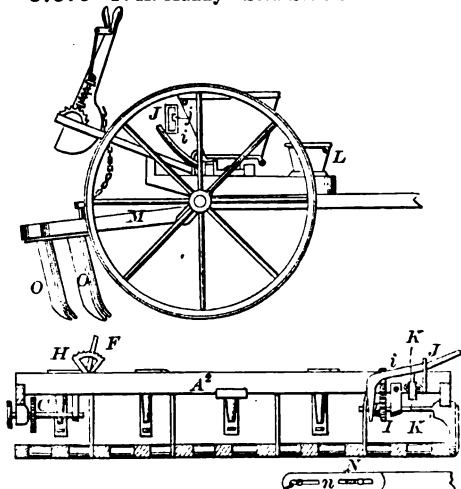
87573—J. Lusk—For Grating Fodder.



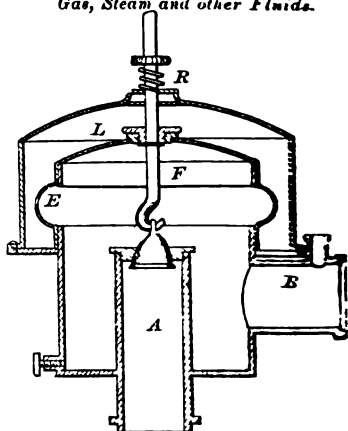
87574—A. Macqueen—Dinner Pail.



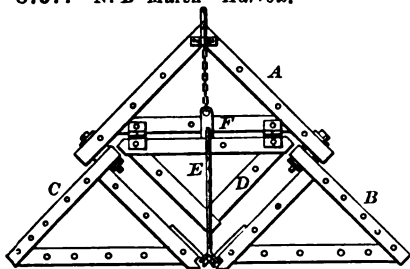
87576—F. H. Manny—Seed Sower.



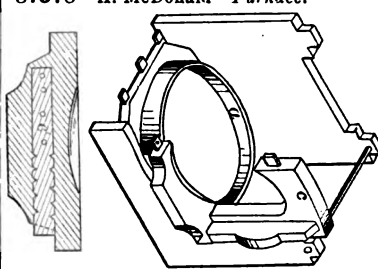
87575—E. C. Maldant—Regulator for Gas, Steam and other Fluids.



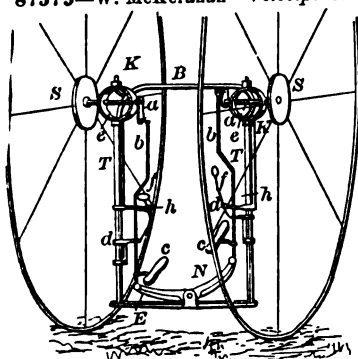
87577—N. B. Marsh—*Harrow.*



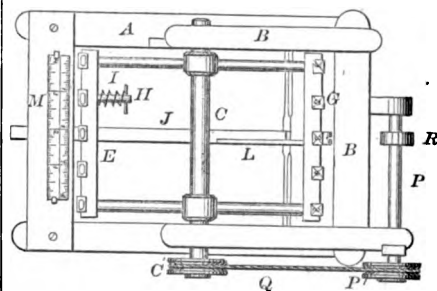
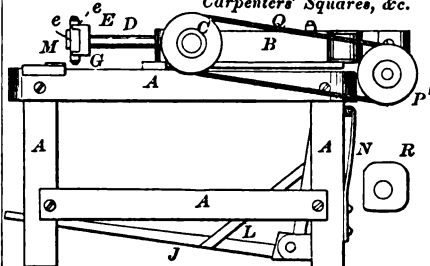
87578—H. McDonald—*Furnace.*



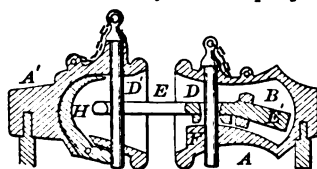
87579—W. McKerahan—*Velocipede.*



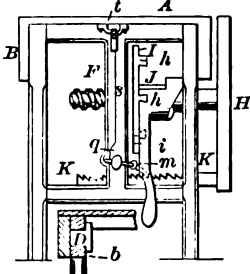
87581—N. Millington—*For Figuring Carpenters' Squares, &c.*



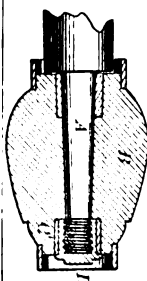
87582—H. T. Moody—*Car Coupling.*



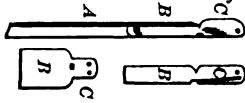
87584—H. W. Neary—*Work Bench.*



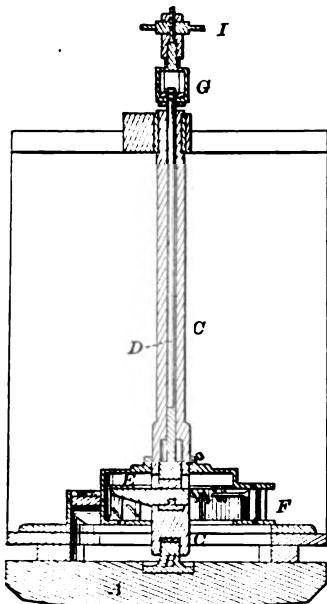
87580—F. McManus—*Wagon Axle.*



87583—W. A. Morse—*Pen and Pencil Holder and Knife.*



87585—J. Newlin—*Turbine Water Wheel.*





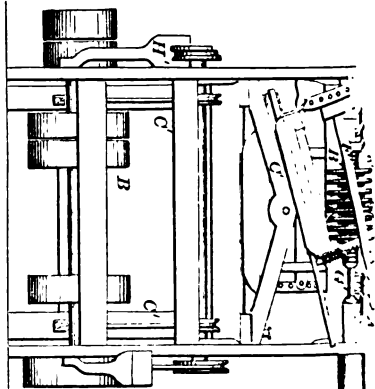
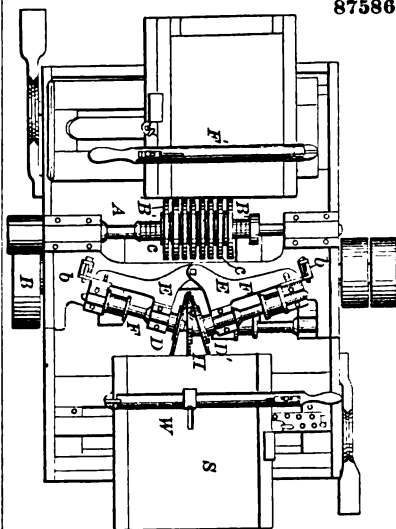
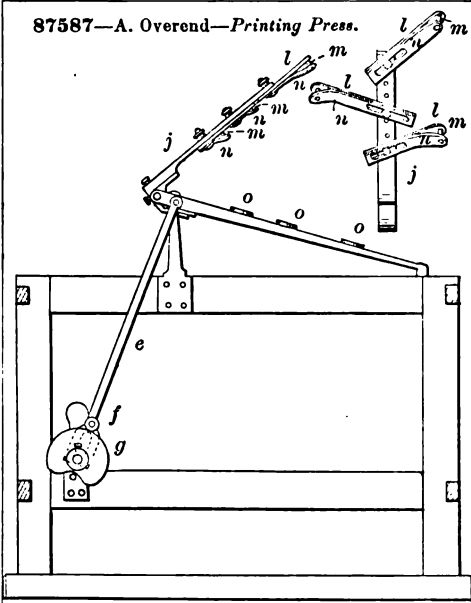
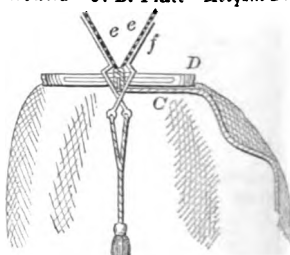
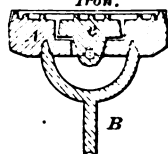
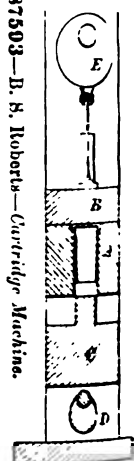
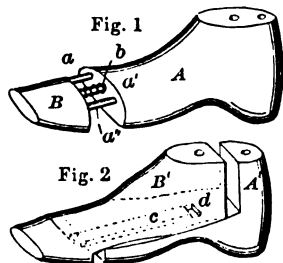
87586—Ohlemacher & Kromer—*Dovetailing Machine.*87587—A. Overend—*Printing Press.*87589—J. B. Platt—*Mosquito Bar.*87588—F. L. Penney—*Branding Iron.*87592—R. Rich—*Tube Well.*87593—D. B. Roberts—*Curridge Machine.*87590—M. H. Pool—*Last.*

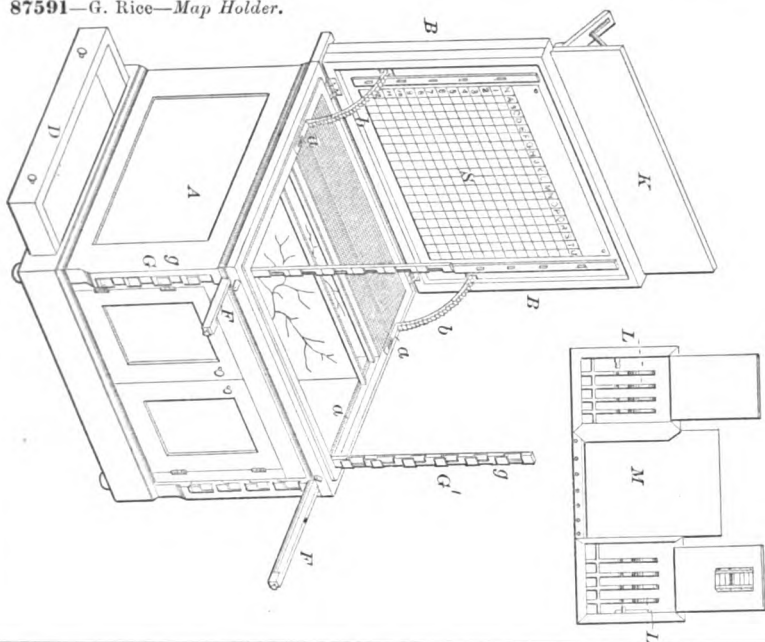
Fig. 4



Fig. 3



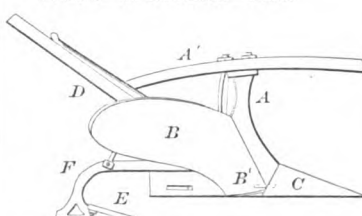
87591—G. Rice—Map Holder.



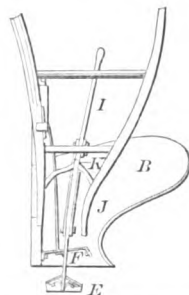
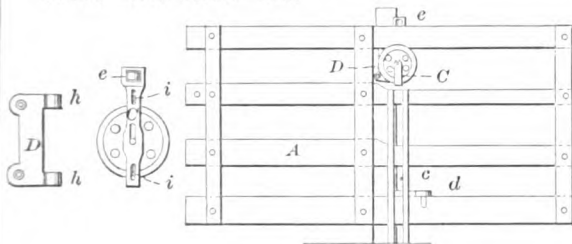
87598—A. P. Stephens—Paper File.



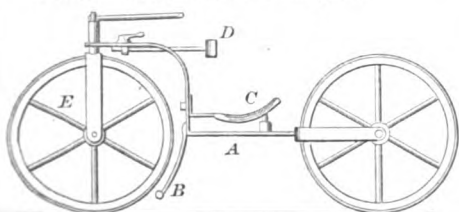
87594—G. Robinson—Plow.



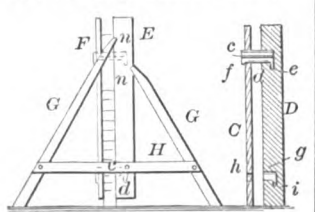
87600—J. G. Talbot—Gate.

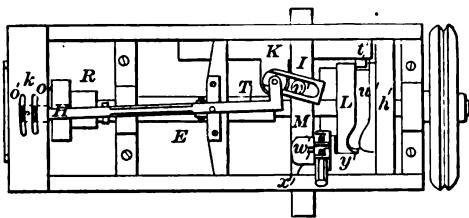
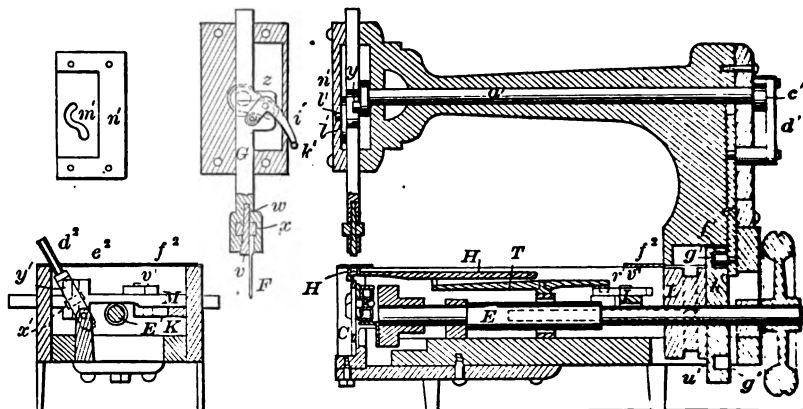
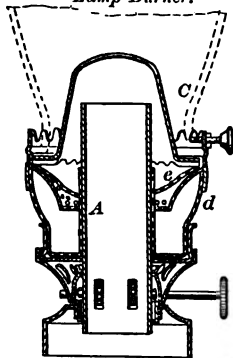
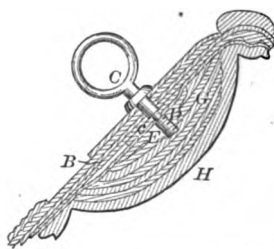
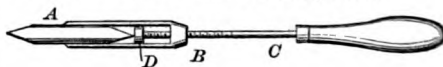
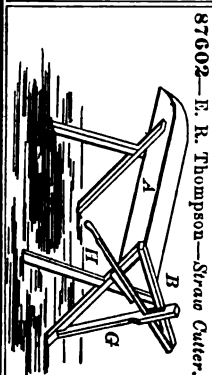
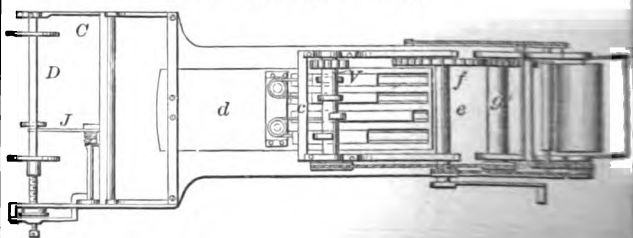
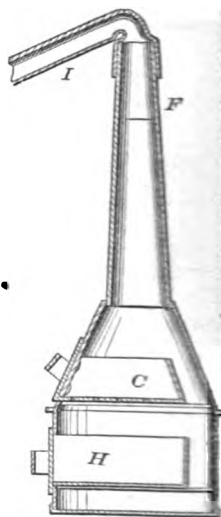


87596—M. B. Stafford—Velocipede.

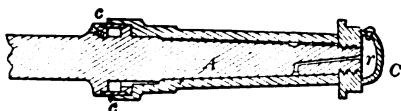


87597—J. K. Staman—Fence.

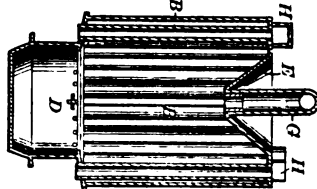


**87595—D. H. Rogan—Sewing Machine.****87601—A. Thirault—Lamp Burner.****87606—J. Waite—Harness Saddle.****87604—W. H. Trissler—Soldering Iron.****87608—J. Wells—Paper Bag Machinery.****87602—E. R. Thompson—Straw Cutter.****87608—J. H. Thompson—Inlet for Thru-House.**

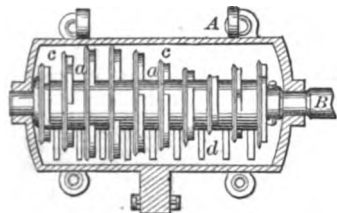
**87609—J. T. Wilson—Carriage Axle.**



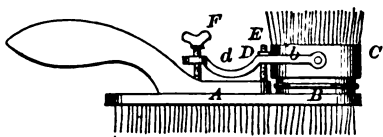
**87610—I T. Winchester—Hot Air Furnace.**



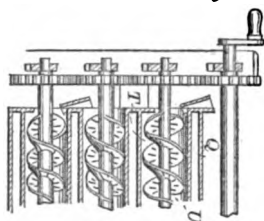
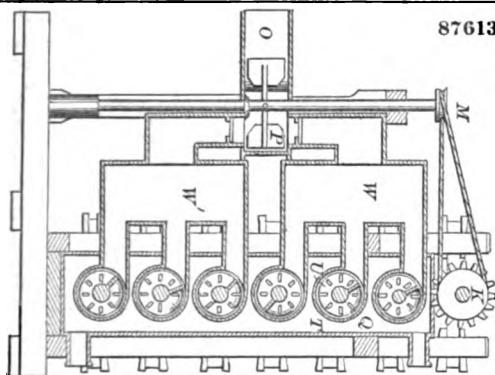
**87611—O. D. Woodruff—Meat Cutter.**



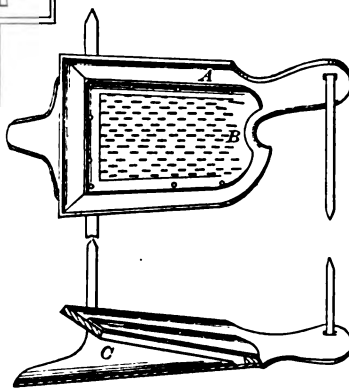
**87614—R. Adams—*Blacking Brush.***



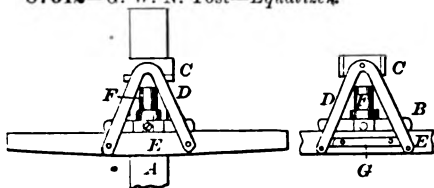
87613—E. A. Abbott—*Grain Dryer.*



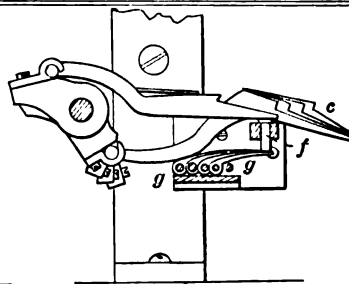
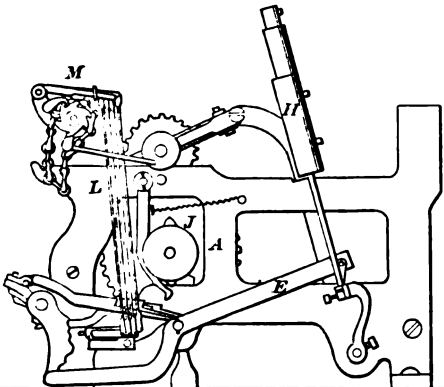
**87615—J. C. Andrew—Feeding Shoe for Grinding Mills.**



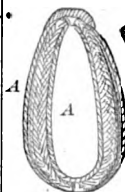
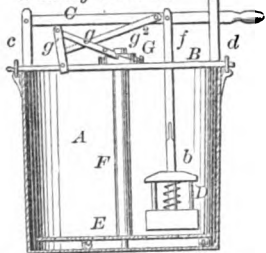
87612—G. W. N. Yost—*Equalizer*.



**87616—J. Ashworth—Loom.**

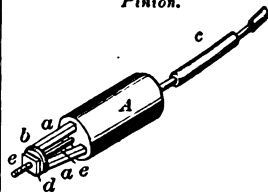


**87617**—Bailey & Blanchard—  
*Washing Machine.*

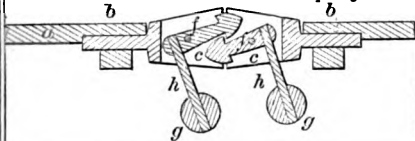


**87619**—S. W. Baker—  
*Horse Collar.*

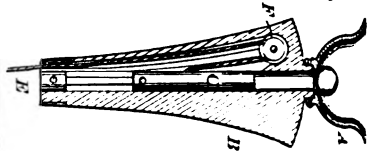
**87623**—V. W. Blanchard—  
*Pinion.*



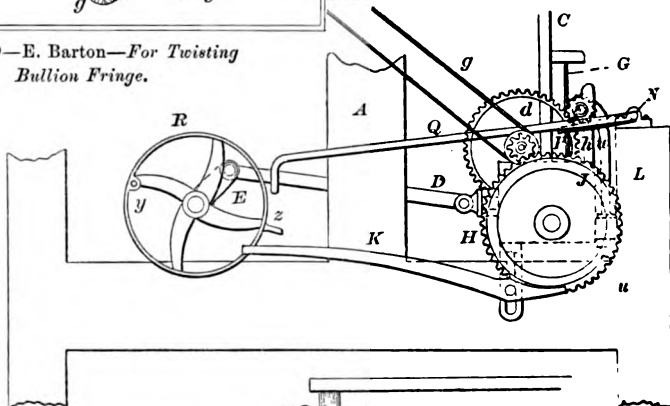
**87622**—B. Bevelander—*Car Coupling.*



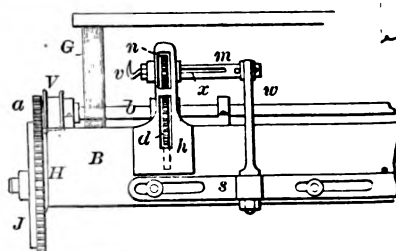
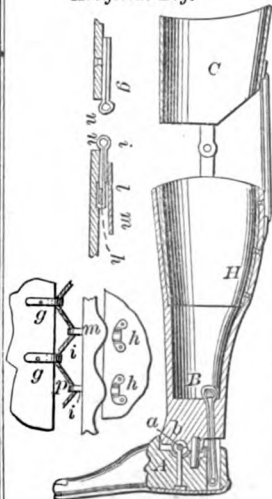
**87621**—E. S. Belton—*Toy.*



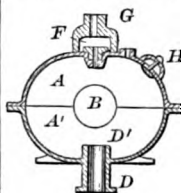
**87620**—E. Barton—*For Twisting  
Bullion Fringe.*



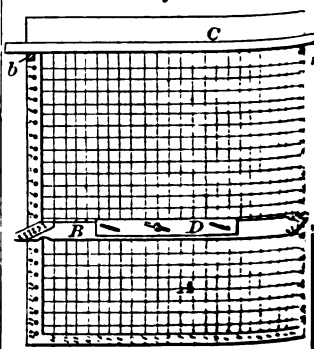
**87624**—D. Bly—  
*Artificial Leg.*



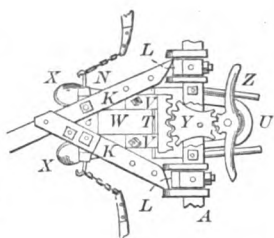
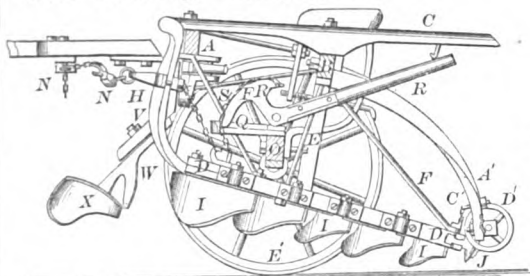
**87625**—  
J. W. Bookwalter—  
*Water Wheel Casing.*



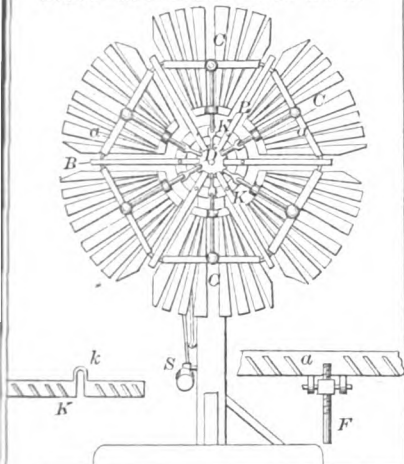
**87626**—F. Bowly—*For Glass Case.*



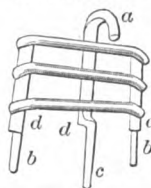
87627—H. C. Briggs—Hoeing Machine.



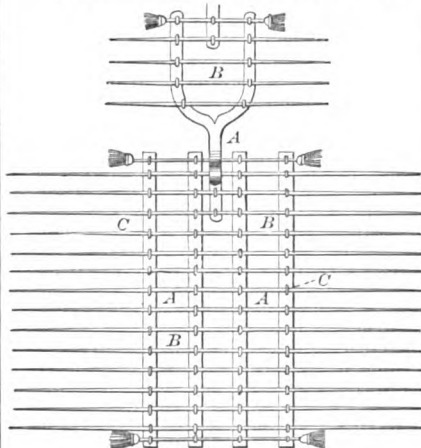
87628—A. P. Brown—Wind Wheel.



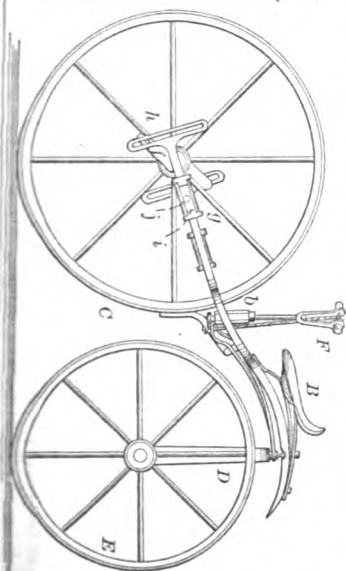
87629—G. Buchanan—Grate Fender.



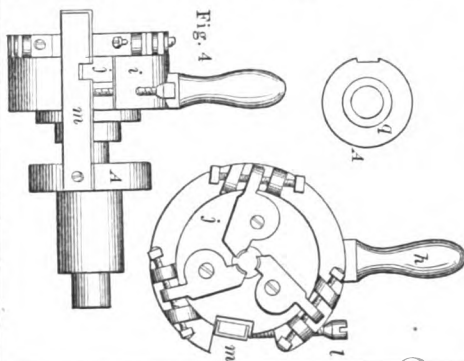
87631—J. Cantner—Fly Net for Horses.



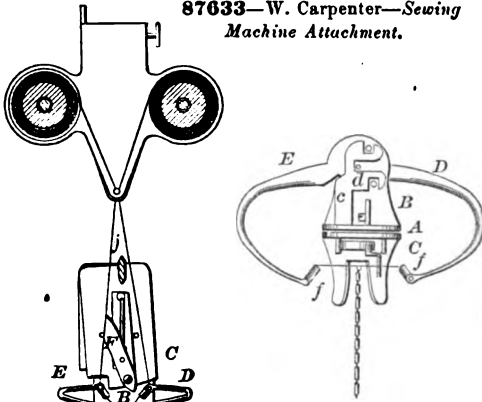
87630—J. Burns—Velocipede.



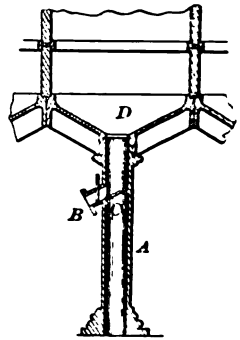
87632—J. M. Carpenter—Cutting Threads on Pipes.



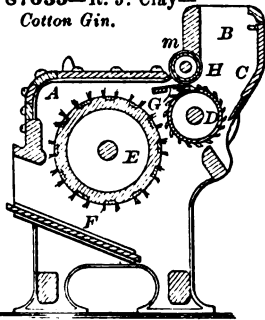
**87633—W. Carpenter—Sewing Machine Attachment.**



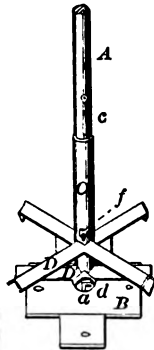
**87634—G. Clark—Grain Storehouse.**



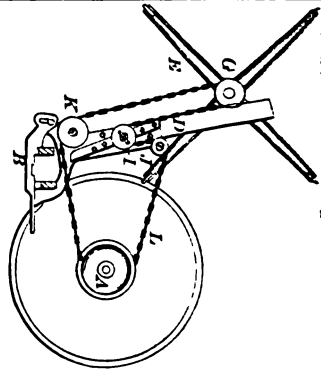
**87635—R. J. Clay—Cotton Gin.**



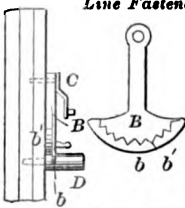
**87638—C. L. Cole—Churn Dash.**



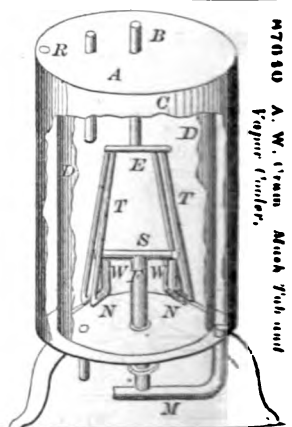
**87637—J. E. Cuddington—Harvester.**



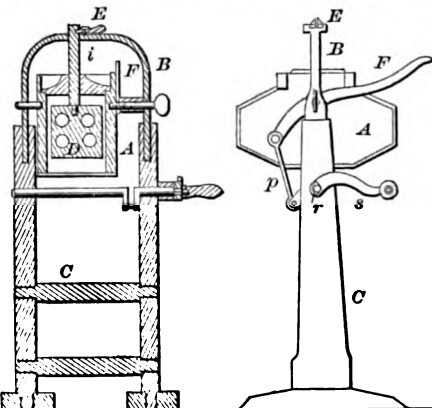
**87636—F. Clymer—Clothes Line Fastener.**



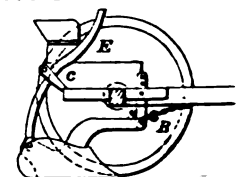
**87630—A. W. Dean—Muck Tub and Vapor Finder.**

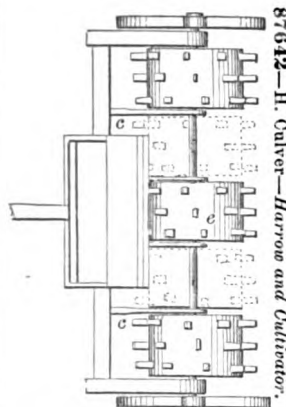


**87639—E. Coleman—Churn.**

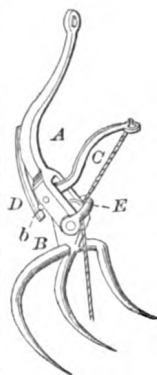


**87641—H. Culver—Flour.**





87642—H. Culver—Harrow and Cultivator.

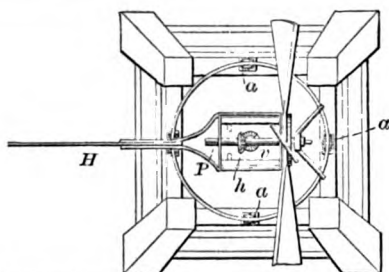
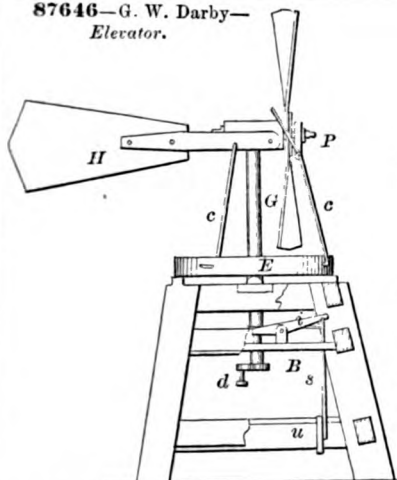


87643—J. Cummins—Horse Hay Fork.

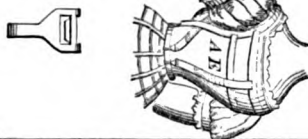
87644—L. Daft—Chair Seat &c.



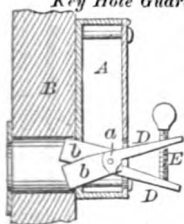
87646—G. W. Darby—Elevator.



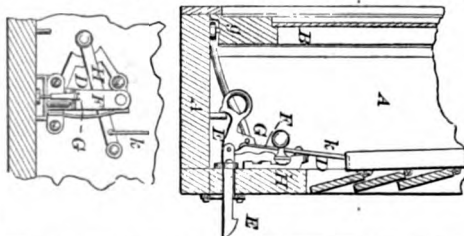
87648—Demorest & Cook—Brace and Suspenders.



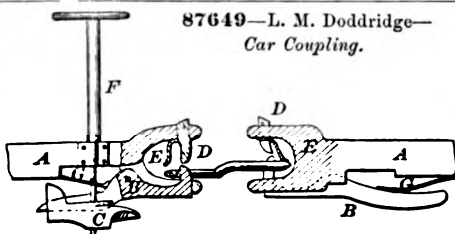
87645—W. E. Dante—Key Hole Guard.



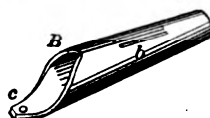
87647—W. J. Decker—Blind and Shutter Fastening.



87649—L. M. Doddridge—Car Coupling.

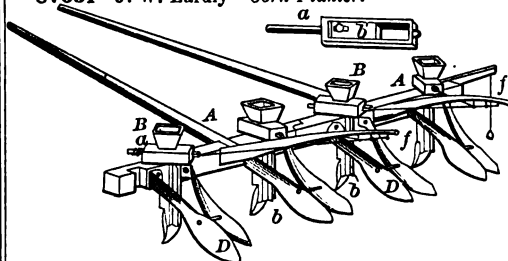


87652—M. Ehr Gott—Thimble Skein for Axles.

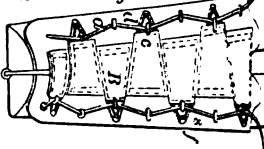




87651—J. W. Eardly—Corn Planter.



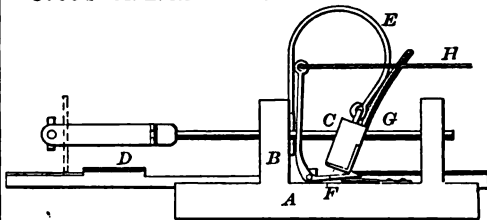
87655—P. S. Foster—Boot and Shoe Lacing



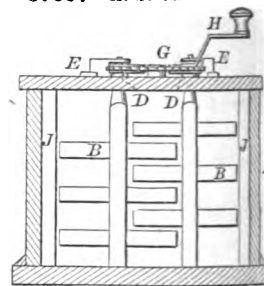
87656—A. Frederick—Millstone Balance.



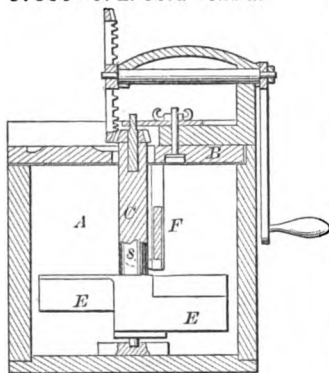
87654—M. E. Ezell—Fire Kindler.



87657—A. S. Galliher—Chair.



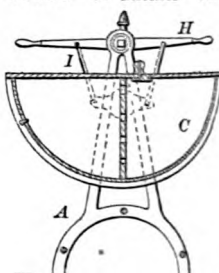
87660—J. L. Good—Churn.



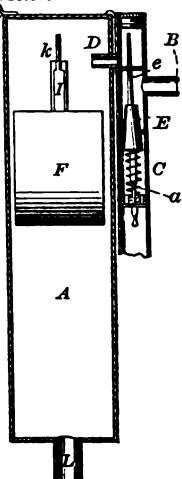
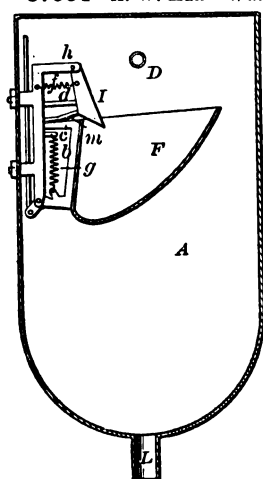
87661—H. S. Goodspeed—Pen.



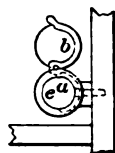
87659—J. Gattner—Churn.



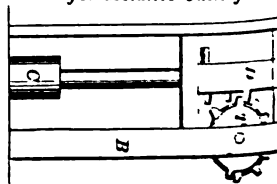
87664—A. W. Hall—Water Meter.



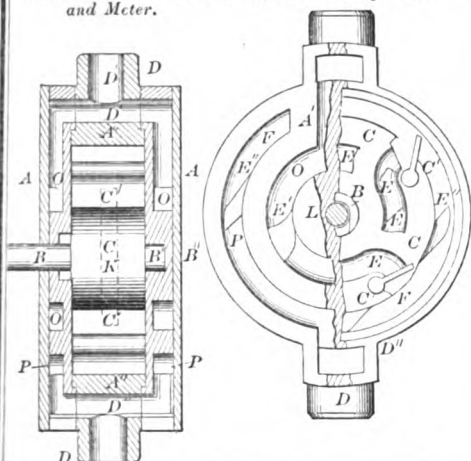
87662—W. B. Gould—Stair Rod.



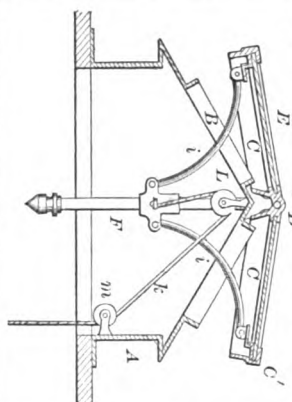
87663—W. Hainsworth—Mach. for Metallic Castings.



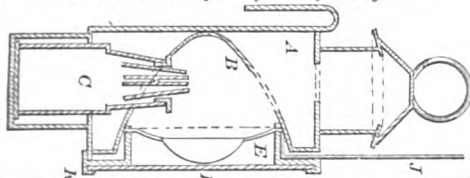
87665—W. & W. Hamilton, Jr.—*Rotary Motor and Meter.*



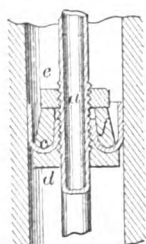
87668—G. Hayes—*Shelflight and Ventilator.*



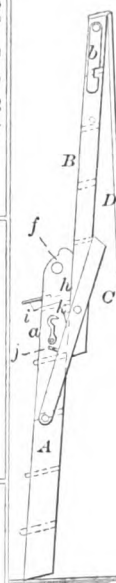
87671—H. L. Hervey—*Reflector for Lights.*



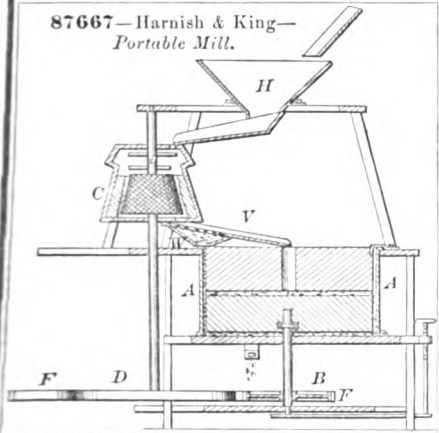
87670—P. C. Heinz—*Packing for Artesian Wells.*



87666—H. J. Hancock—*Ladder.*



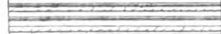
87667—Harnish & King—*Portable Mill.*



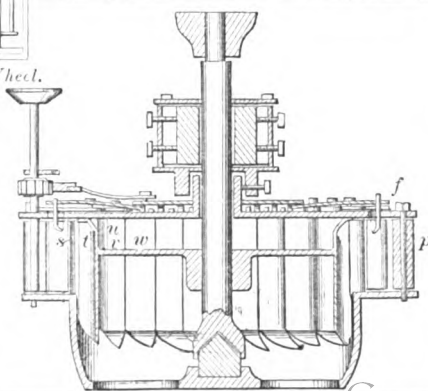
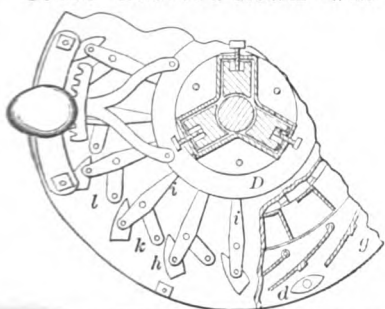
87669—A. Heartsill—*For Facing Millstones..*



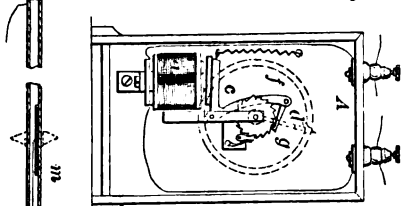
87672—Herzog & Roth—*Work in Wood.*



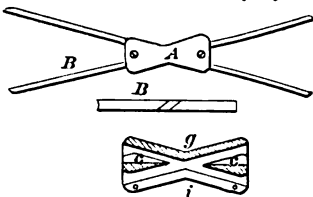
87673—Holdiman & Goodwin—*Water Wheel.*



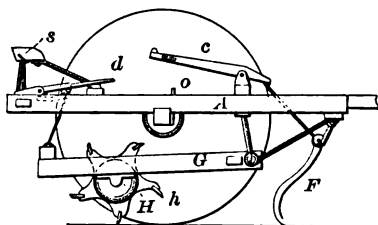
**87674—Holmes & Rouse—Game Register.**



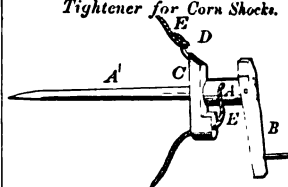
**87675**—C. H. Hudson—*Spring Seat.*



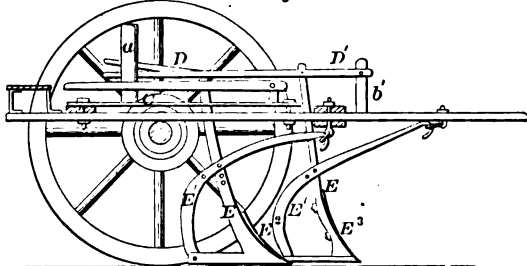
**87676—H. Jackson—*Corn Stalk Cutter.***



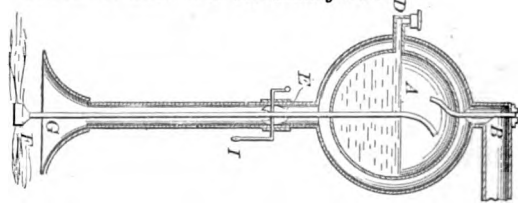
**87678—J. C. Jay—Band  
Tightener for Corn Shocks.**



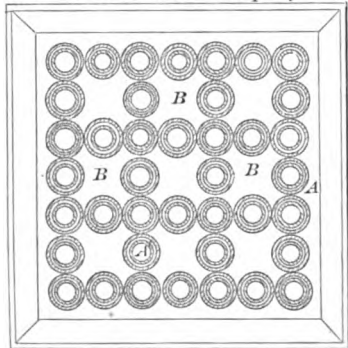
**87677—J. R. Jackson—Sulky Plow.**



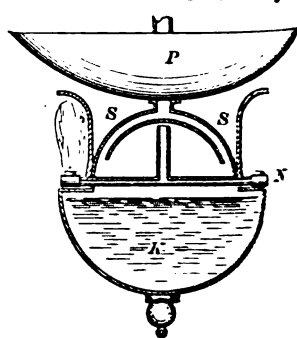
**87681—J. Kidd—For Carburetting Gas.**



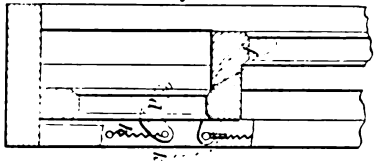
**87679**—G. H. Johnson—*Fireproof Granary.*



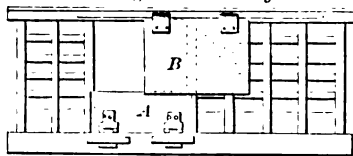
87682—J. Kidd—*For Carburetting Ga.*



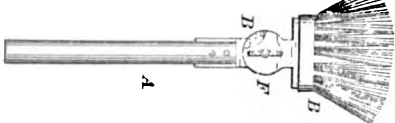
87683—D. P. Lacey—*Sash Holder.*



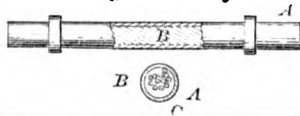
87685—T. R. Leighton—*Railway Car Door.*



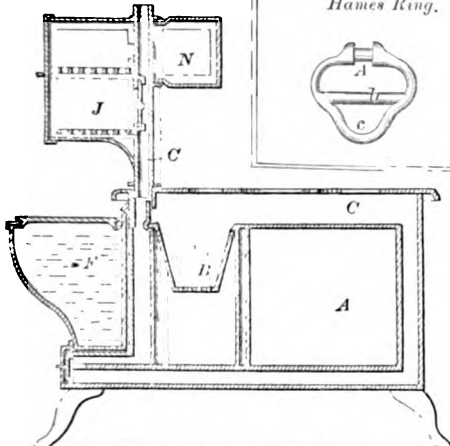
87684—C. L. Larder—*Brush Handle.*



87687—E. T. Ligon—*Railway Car Axle.*



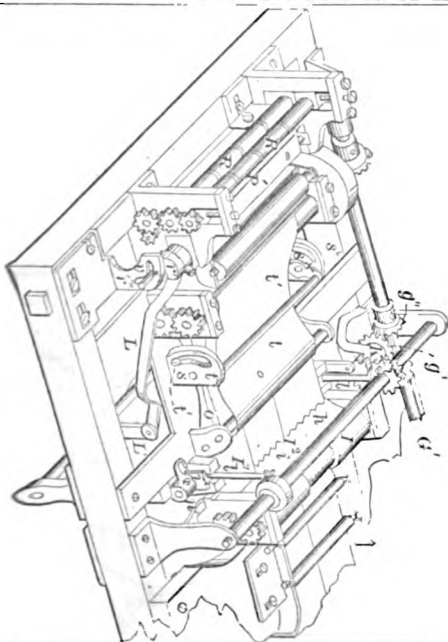
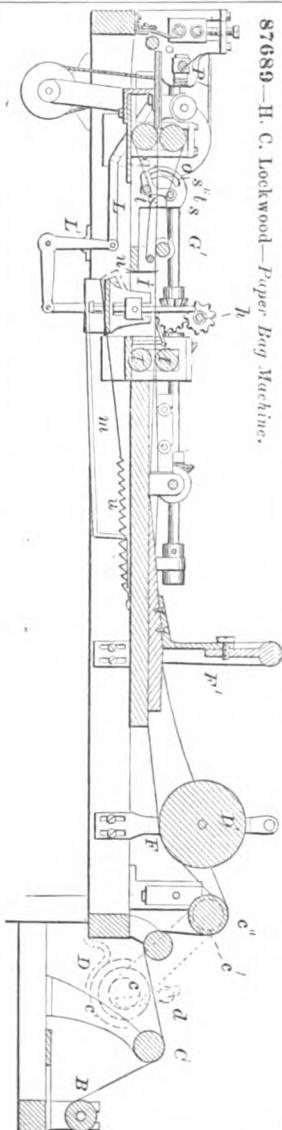
87688—Little, Clow & Nation—*Store.*

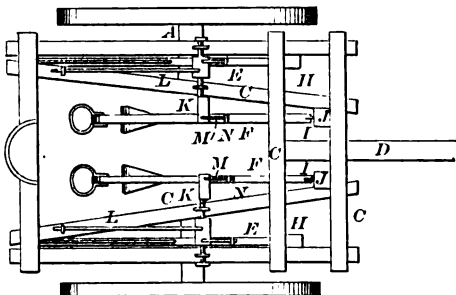
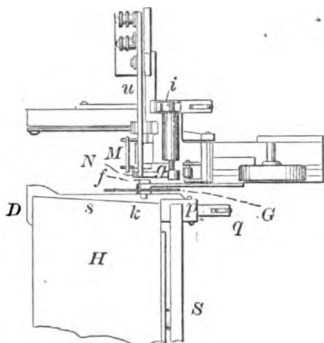
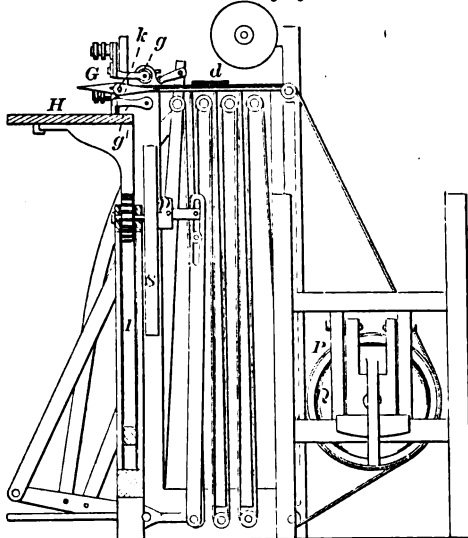
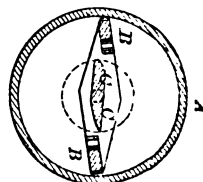
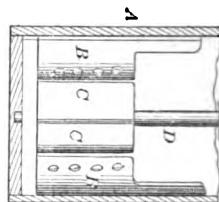
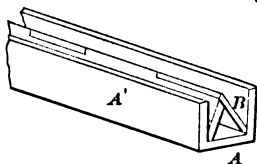
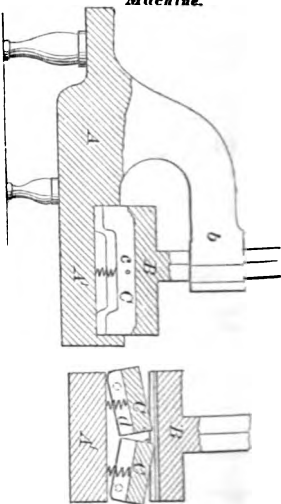
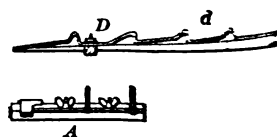
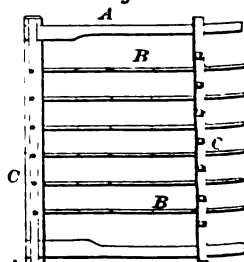


87686—J. Letchworth—*Hames Ring.*

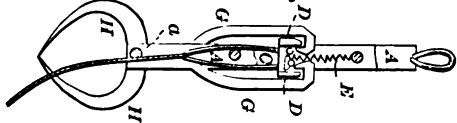


87689—H. C. Lockwood—*Paper Bag Machine.*

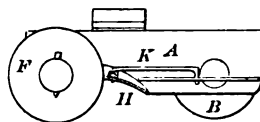


**87690—W. Looker—Cultivator Plow.****87693—J. McAdams—For Paging Books.****87694—T. M. C. Lutes—Covering for Blind Ditches.****87692—Mays & Bliss—Scaming Machine.****87695—T. H. Mead—Printing Press Fly Frame.**

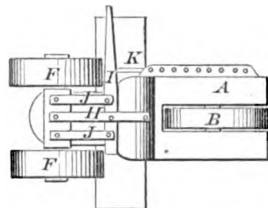
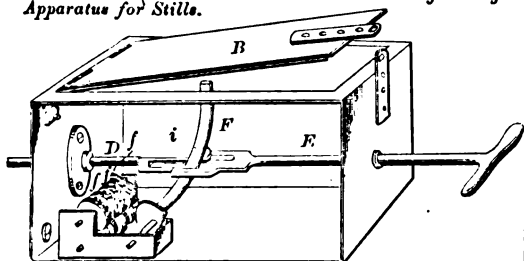
87696—J. A. Miller—Horse Hay Fork.



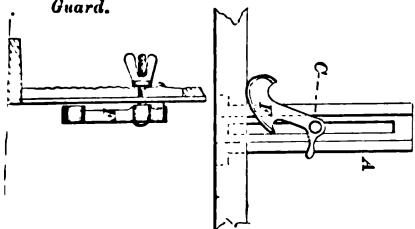
87697—J. S. Millikan—Truck.



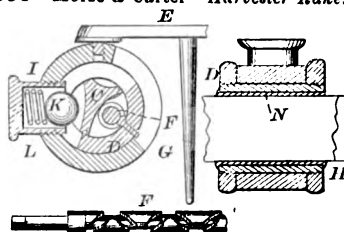
87698—Minor & M. W. & G. W. Nesmith—Registering Apparatus for Stills.



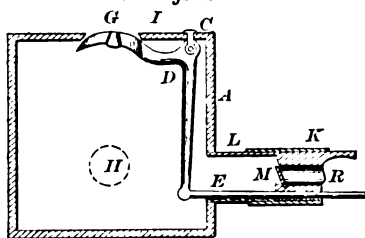
87700—A. W. Pagett—Sawing Machine Guard.



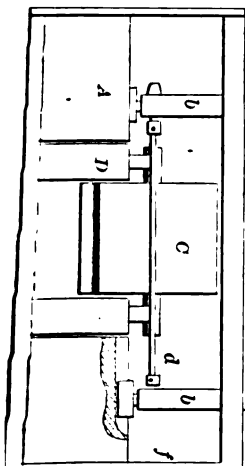
87699—Morse & Carter—Harecater Rake.



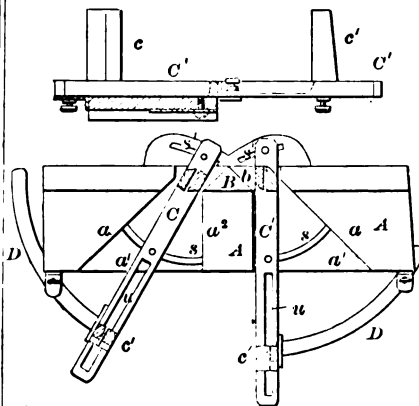
87702—J. J. Pierce—Tuyere.



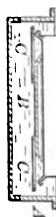
87701—C. H. G. Pease—Marble Slicing Machine.



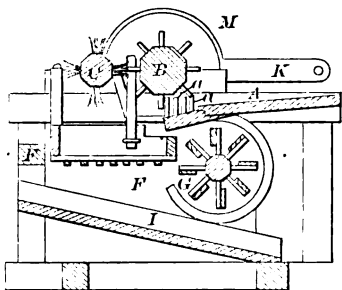
87703—J. Pons—Mitre Box.



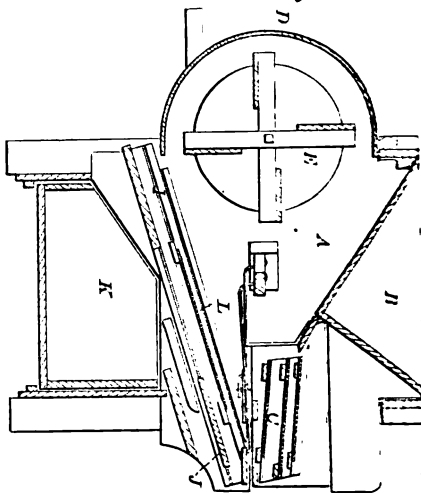
87704—Pruitt & Seimel—Soldering Machine.



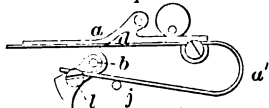
87705—A. Quinn—Pea Picker.



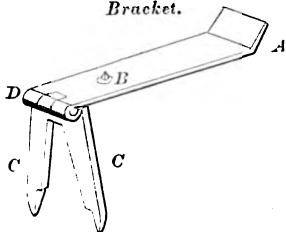
87706—B. F. Randell—Fanning Mill.



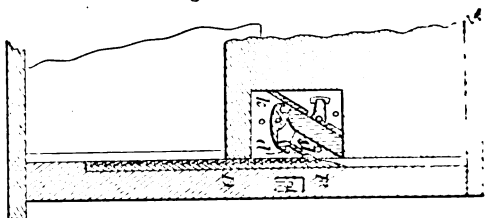
87707—G. P. Reed—Chronometer Escapement.



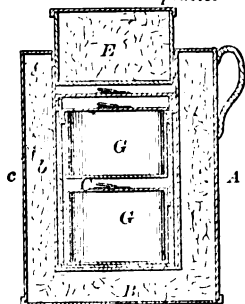
87709—A. Rollo—Shingling Bracket.



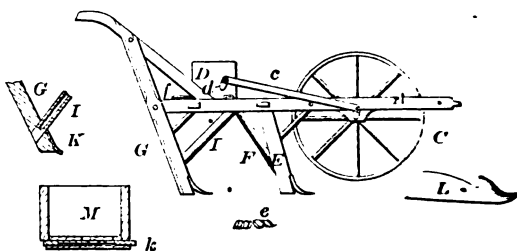
87708—A. C. Rodgers—Sash Holder.



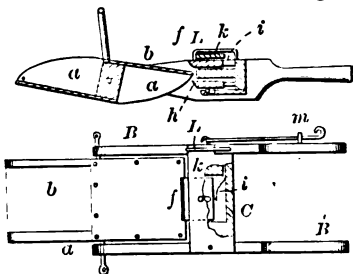
87710—E. A. G. Roulstone—Ice Cream Receptacle.



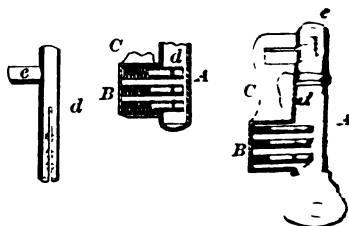
87712—Sater &amp; Barns—Grain Drill and Corn Dropper.



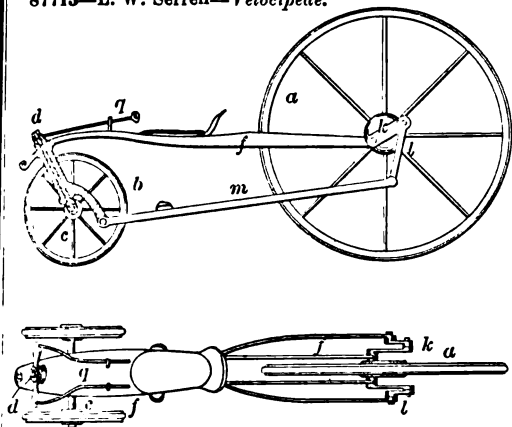
87711—W. W. Rumrill—Road Scraper.



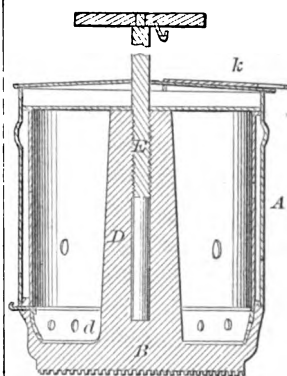
87714—E. E. Shepardson—Key Hole Gear.



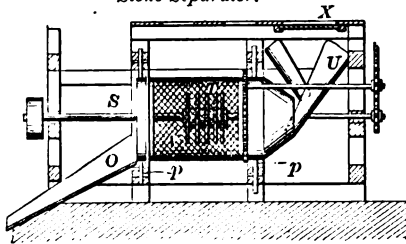
87713—L. W. Serrell—*Velocipede.*



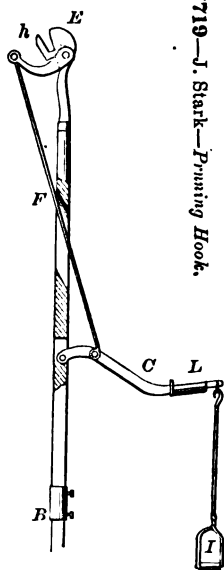
87720—L. Stark—*Branding Iron.*



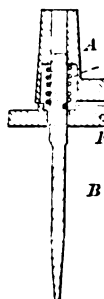
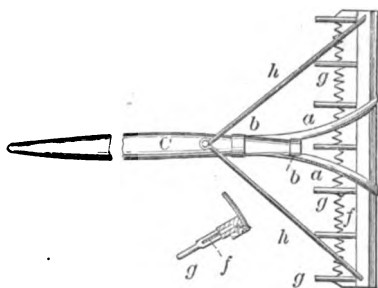
87716—F. H. Smith—*Clay Pulverizer and Stone Separator.*



87719—J. Stark—*Pruning Hook.*



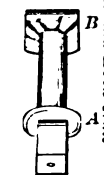
87718—S. Skinner—*Pea Rake.*



87715—W. H. Sible—*Bit Stock.*

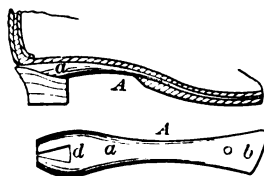


87717—J. B. Smith—*Screw Bolt and Lock Nut.*



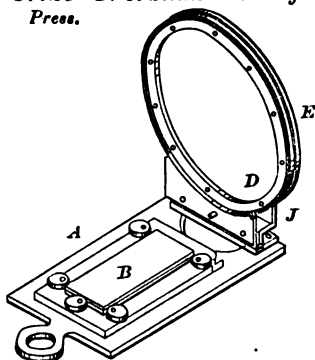
87721—A. J. Stephens—*Cultivator.*

87722—H. P. Stewart—*Shank.*

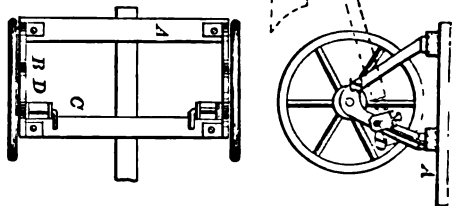




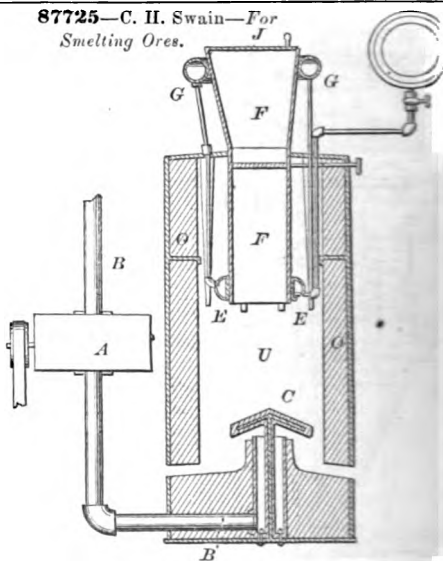
87723—D. U. Stoner—*Printing Press.*



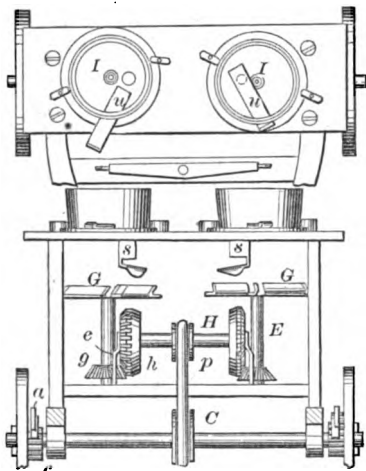
**87724—D. C. Stover—*Cultivator*.**



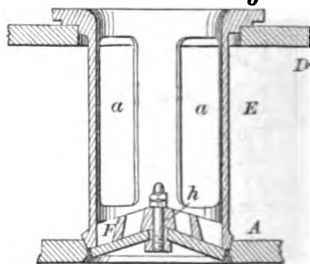
**87725**—C. H. Swain—*For*  
*Smelting Ores.* *J*



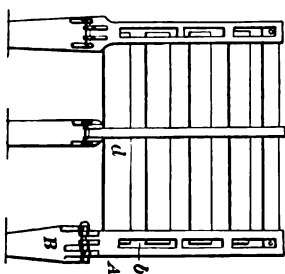
**87726**--H. R. Swank--*Seed Sower.*



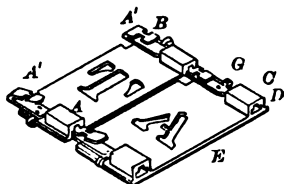
87728—L. Taws—*Valve for Blowing Engine.*  
b



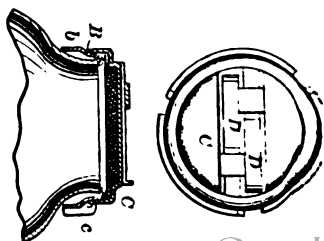
87729—J. B. Tedrow—*Fence.*



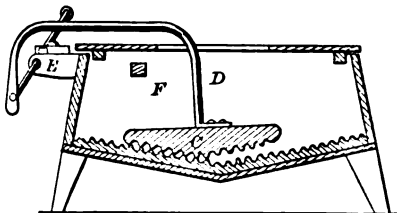
**87727—J. L. & H. L. Tarbox—  
Stencil Plate.**



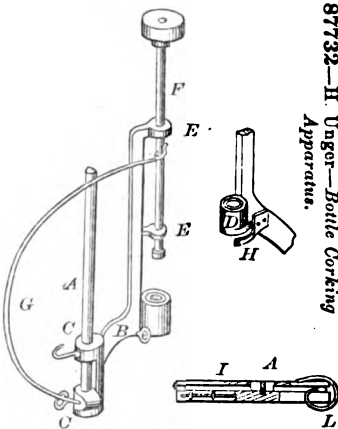
**87730**—N. Thompson—*Preserve Jar.*



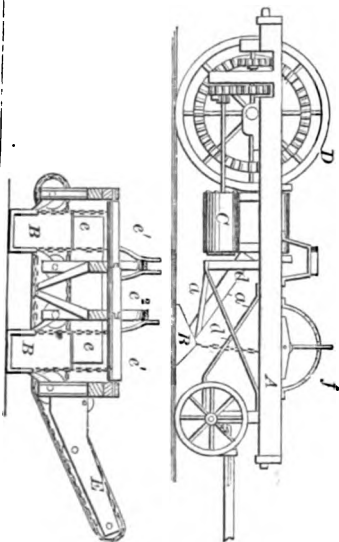
87731—H. B. Tibbits—*Washing Machine.*



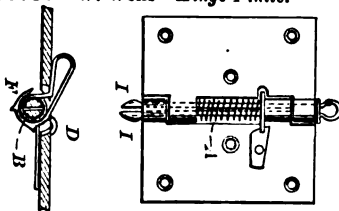
87732—H. Unger—*Bottle Corking Apparatus.*



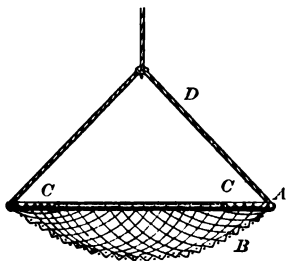
87736—A. Ward—*for Scraping and Loading Earth.*



87739—W. Wells—*Hinge Pintle.*



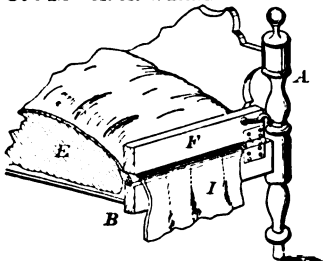
87740—F. A. Werdmüller—*Fishing Net.*



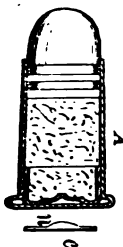
87737—S. Ward—*Back Band Hook.*



87742—H. K. Whitner—*Bedstead.*



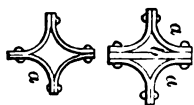
87735—J. R. Van Vechten—*Cartridge.*



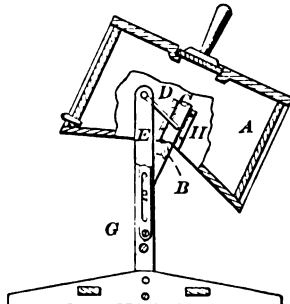
87738—Welch & Ammeden—*Wheel.*



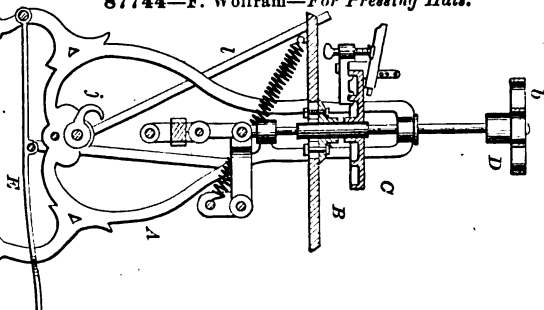
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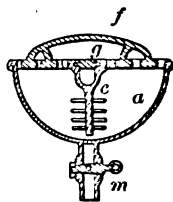
87743—M. Witmer—*Churn.*



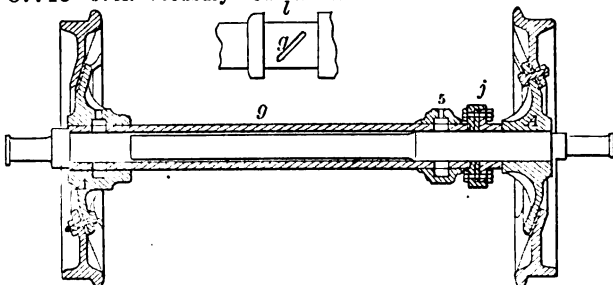
87744—F. Wolfram—For Pressing Hats.



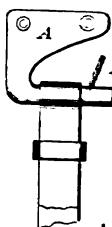
87745—H. J. Wolters—Funnel.



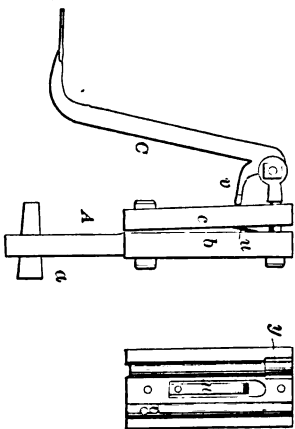
87746—J. A. Woodbury—Car Wheel and Axle.



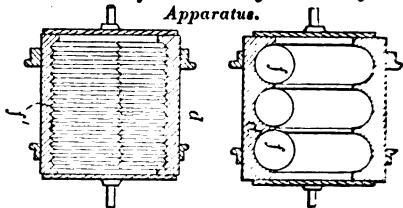
87747—A. H. Zollner—Strap Loop.



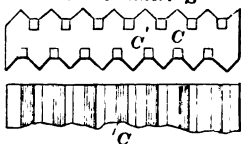
87747—J. M. Woods—For Heading Bolts.



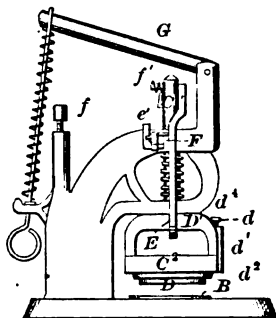
87748—L. Wray—Triturating and Amalgamating Apparatus.



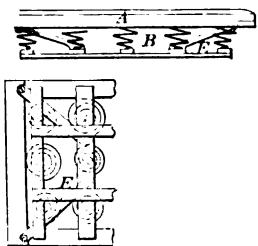
87750—Agnew &amp; Wright—Ore Crusher.



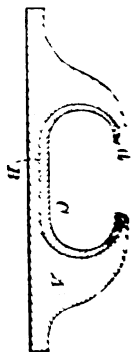
87753—J. H. Bean—Heel Cutter.



87752—J. J. Baxter—Bed Bottom.



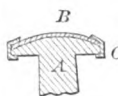
87751—C. U. Macchelder—Chuck for Vascia.



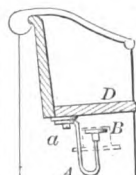
87754—E. S. Bennett—Implement.



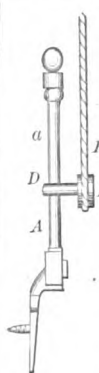
87755—J. W. Bishop—  
For Harness.



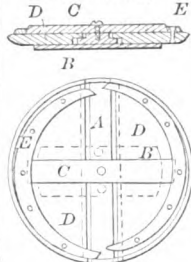
87756—J. M. Gain—  
Hat Holder for Seater.



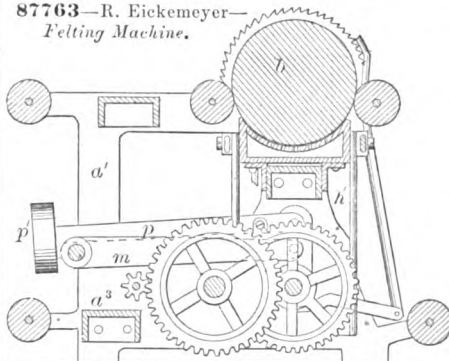
87757—H. N. Chapman—Curtain Picture.



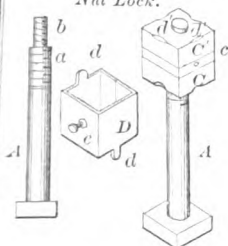
87760—J. A. Cook—  
Barrel Head.



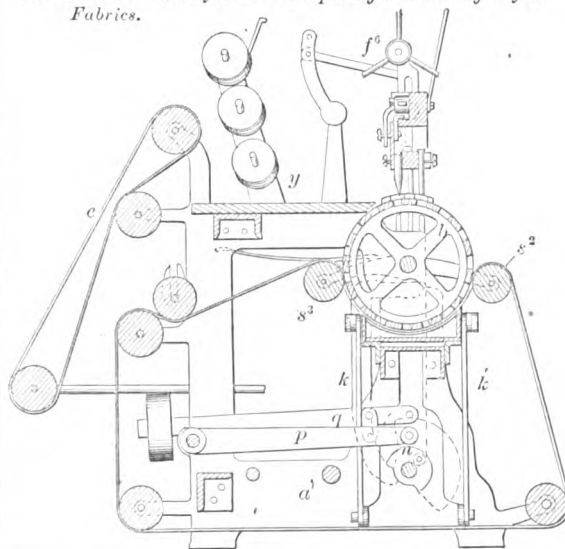
87763—R. Eickemeyer—  
Felting Machine.



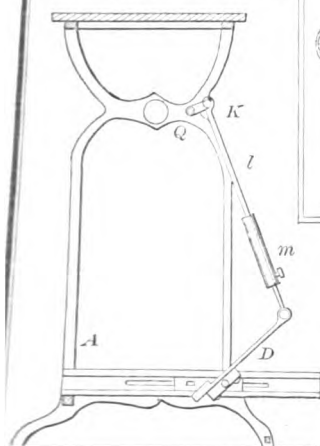
87761—J. R. Cribbs—  
Nut Lock.



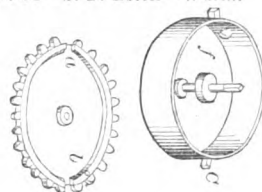
87764—R. Eickemeyer—For Preparing and Felting Tufted  
Fabrics.



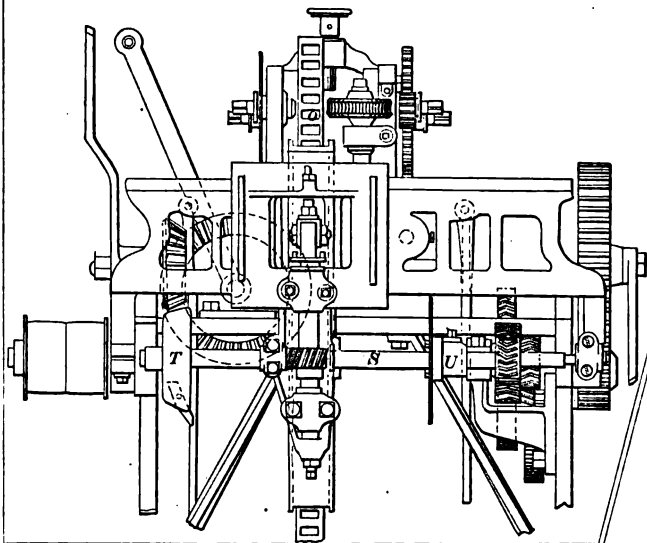
87762—H. G. Davis—  
Sewing Machine Treadle.



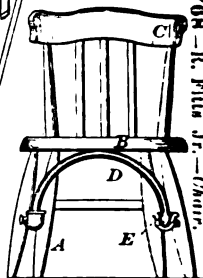
87765—S. F. Estell—Watch.



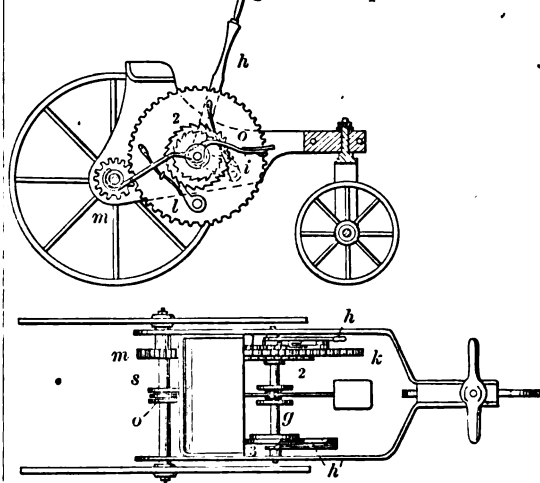
87766—C. Evotte—Gear Cutter.

87767—R. H. Fisher—Handle for  
Tuble Cutlery. c

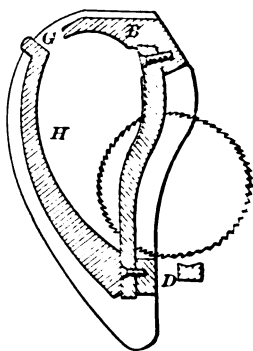
87768—R. Pitts Jr.—Chair.



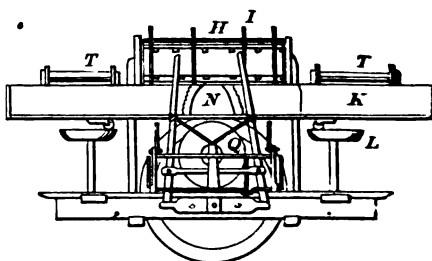
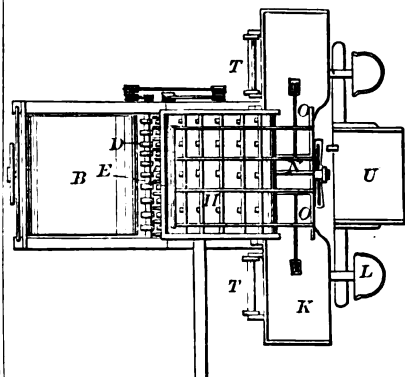
87769—Gardner &amp; Frageser—Velocipede.

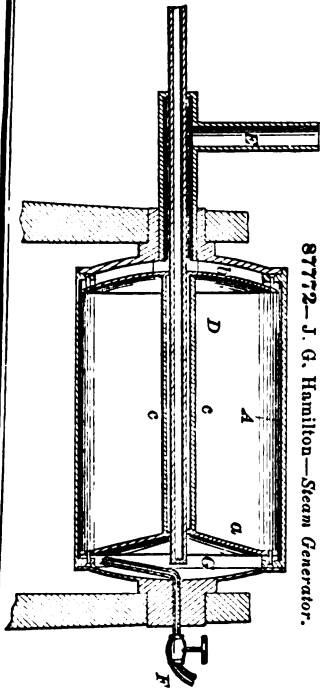


87771—S. Z. Hall—Cotton Gie.



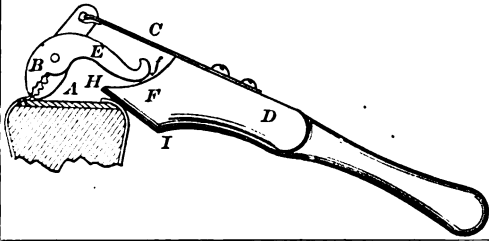
87770—C. P. Gronberg—Harvester.



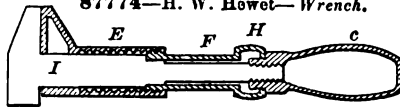


87772—J. G. Hamilton—Steam Generator.

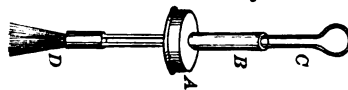
87773—F. Henderson—Shank Laster.



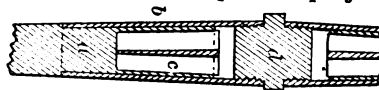
87774—H. W. Howet—Wrench.



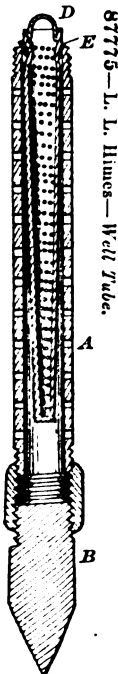
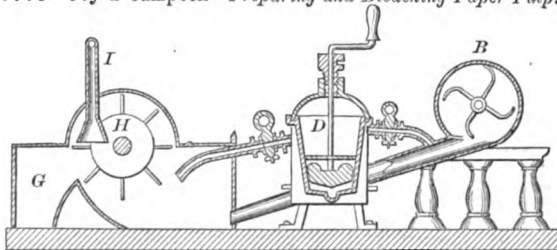
87776—M. W. House—Mucilage Brush.



87778—H. T. Hunt—Pump Rod Coupling.

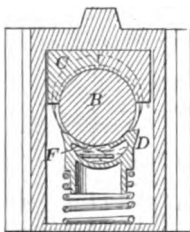


87779—Joy & Campbell—Preparing and Bleaching Paper Pulp.

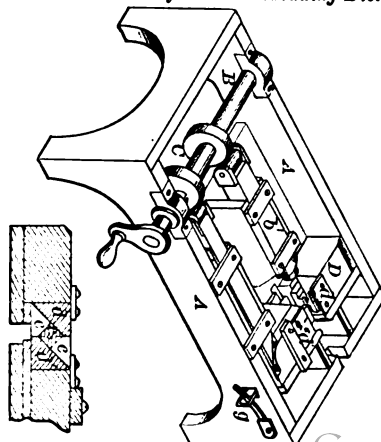


87775—L. L. Himes—Well Tube.

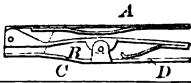
87777—M. C. Hubbard—Lubricator.



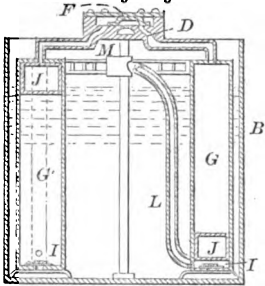
87780—J. Kaylor—Bolt Heading Die.



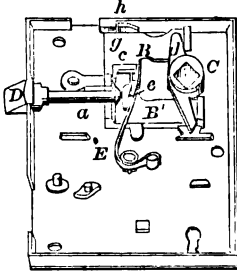
87781—C. H. Kimball—  
Ticket Holder.



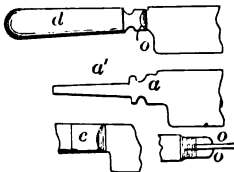
87783—P. Lear—For Steam  
and other Engines.



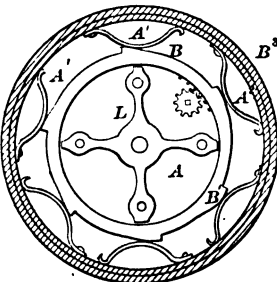
87784—T. Lyons—Door Latch.



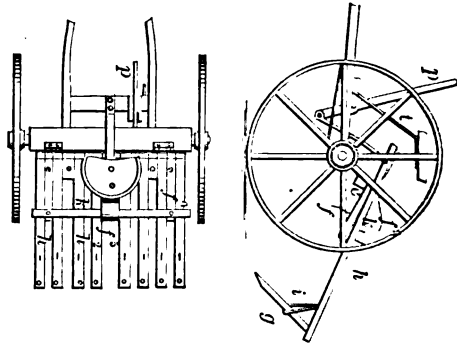
87787—Mason & Binns—  
Table Cutlery.



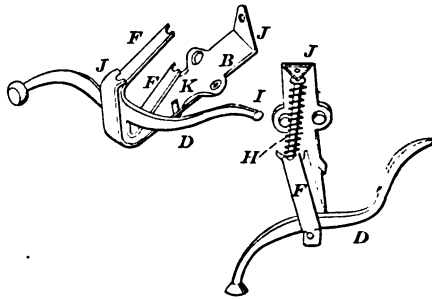
87780—T. R. Morgan—  
Piston Packing.



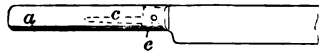
87782—J. La Croix—Horse Rake.



87785—E. Manley—Door Holder.



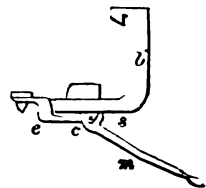
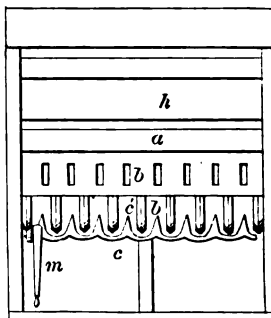
87786—S. Mason—Table Cutlery.



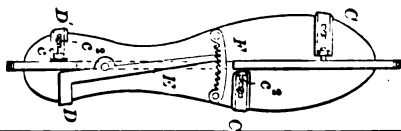
87788—A. W. Merritt—Last.



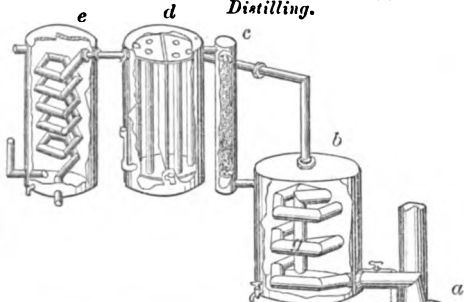
87790—J. Old—Grate.



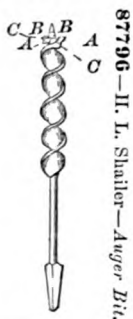
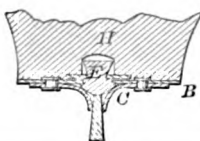
87791—J. W. Post—Skate.



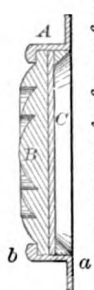
87792—E. F. & T. B. Prentiss—For Rectifying and Distilling.



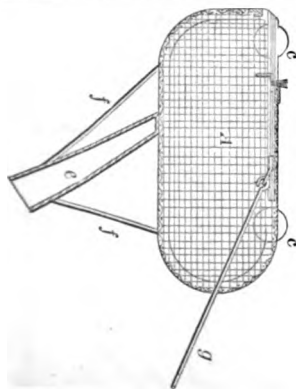
87799—T. Smith—Skate.



87796—H. L. Shaler—Auger Bit.

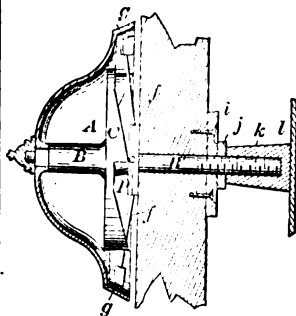


87800—J. Stephenson—Signal Light for Street Cars.

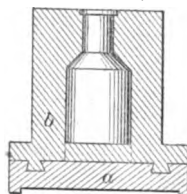


87801—J. E. Stone—Fish Trap.

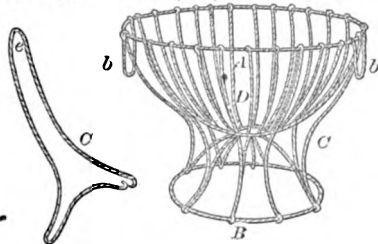
87794—C. W. Saladce—Door Bell.



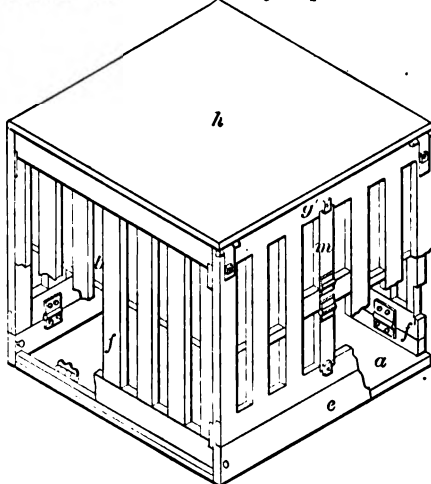
87795—J. C. Schaffer—Glass Mould.



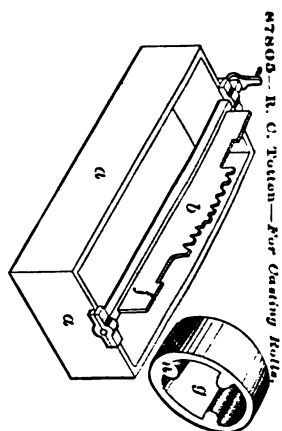
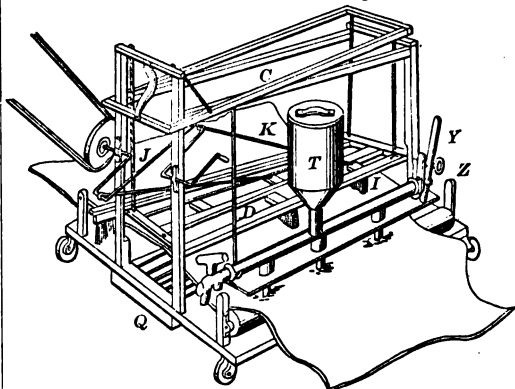
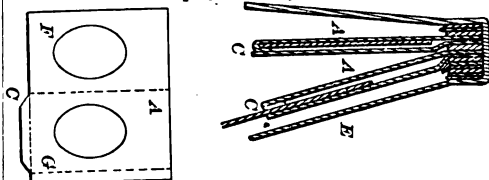
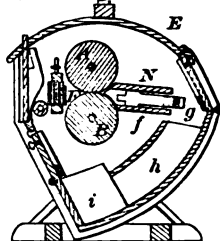
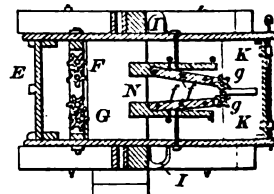
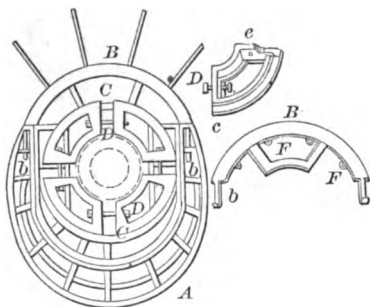
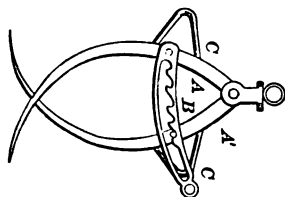
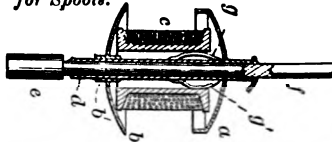
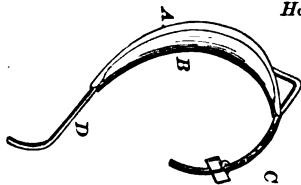
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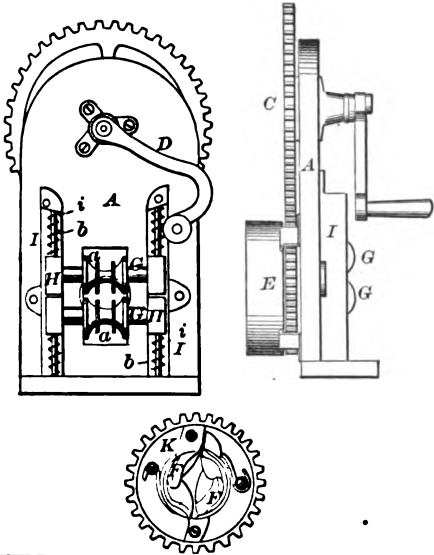
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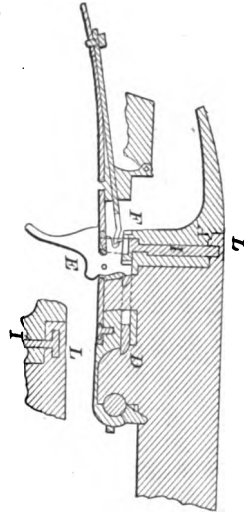


**87803—C. W. Strout—For Varnishing Oil Cloths.****87804—J. F. Tapley—Photographic Album.****87806—J. H. Waite—Fulling Mill.****87808—Watson & Pugh—Stove Pipe Shelf.****87807—C. E. Warner—Horse Hay Fork.****87810—G. Wheelock—Thread Guard for Spools.****87812—D. Wingenroth—Manure Drag.****87809—W. Westlake—Coffee and Tea Pot Handle.**

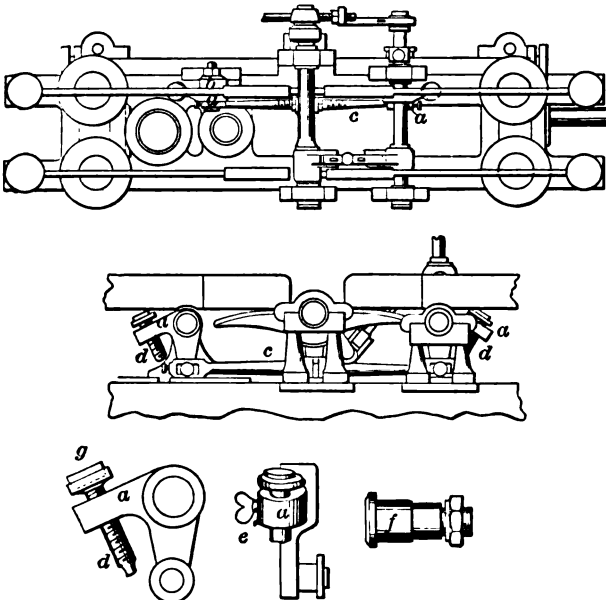
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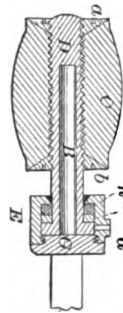
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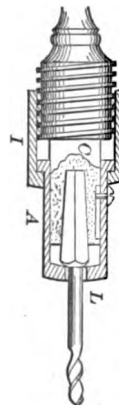
87813—T. Wosser—Steam Engine Valve Gear.



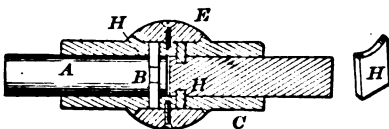
87815—L. Adams—For Attaching Carriage Hubs to Axles, h e d



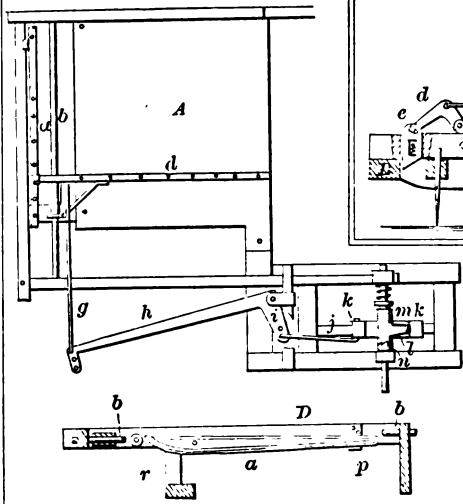
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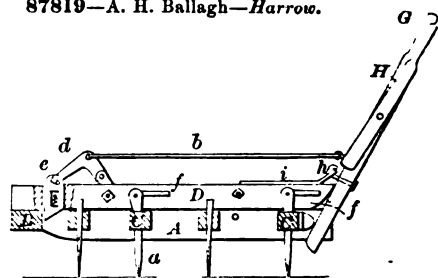
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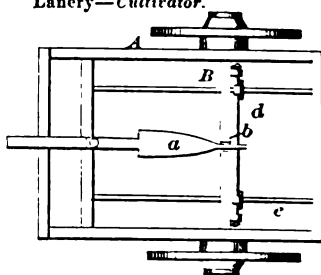
87817—E. Ames—Harvester Rake.



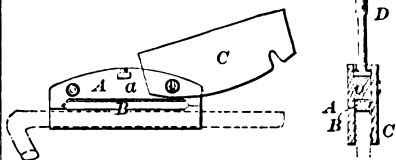
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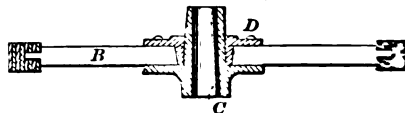
87824—W. F. &amp; G. Coulter &amp; Lanery—Cultivator.



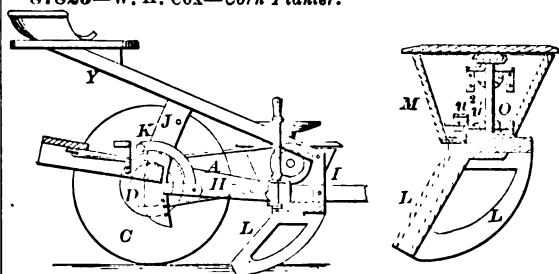
87822—J. F. Cameron—Skate Sharpener.



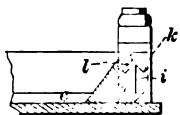
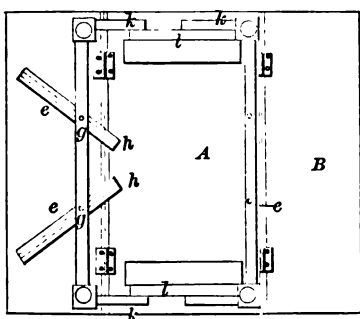
87823—J. Coney—Carriage Wheel.



87825—W. H. Cox—Corn Planter.



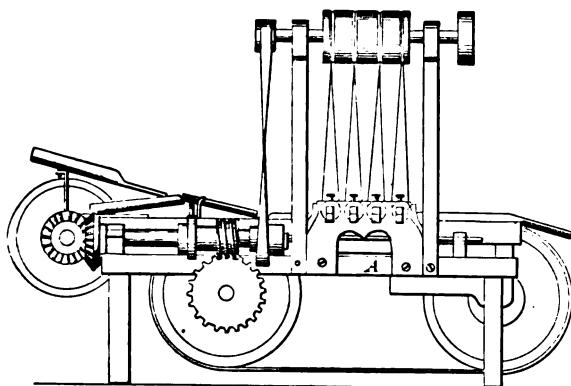
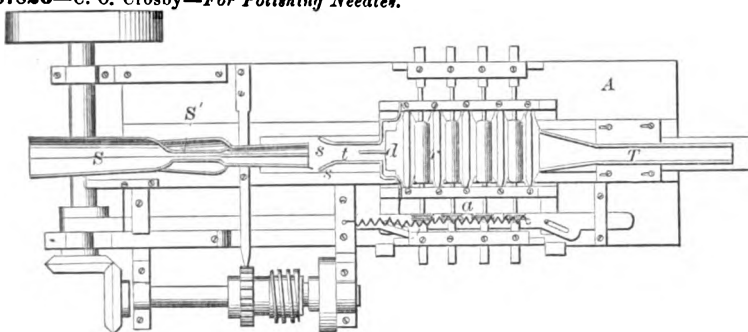
87829—J. Dourson—Table.



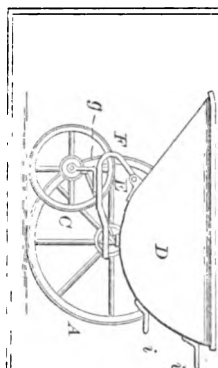
87827—M. R. Dand—Spring.



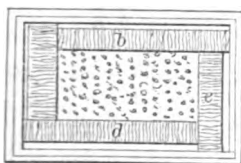
**87826**—C. O. Crosby—*For Polishing Needles.*



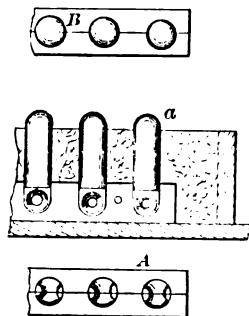
**87831**—W. Farmer—*Cart.*



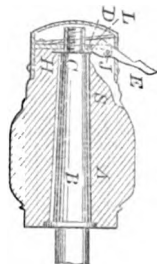
**87830**—T. & W. A. Ellis—*Brick Mould.*



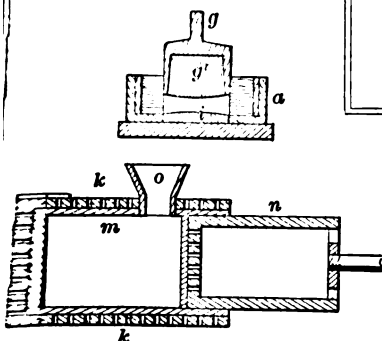
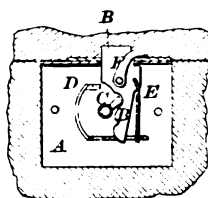
**87832**—Ferguson & Anderson—*For Moulding Sash Weights.*

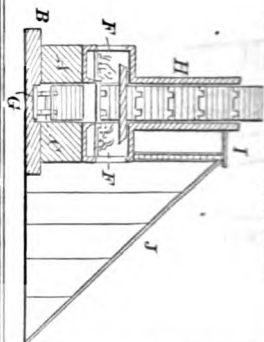
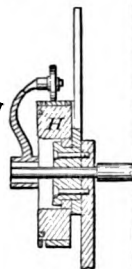
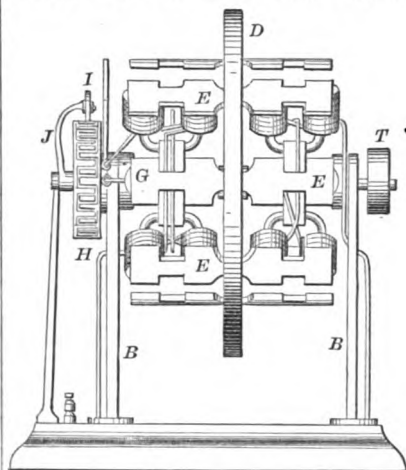


**87833**—J. B. Fink—*Spindle Wrench.*



**87834**—E. F. French—*Piano Lock.*



87835—C. J. B. Gaume—*Electro-Magnetic Engine.*

87836—J. H. Good—*Brick Kiln.*

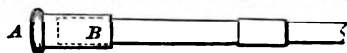
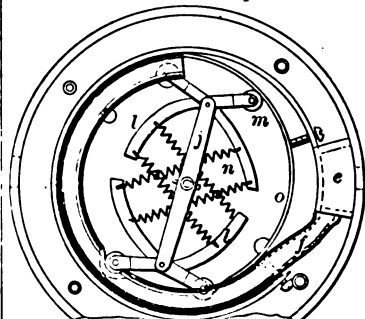
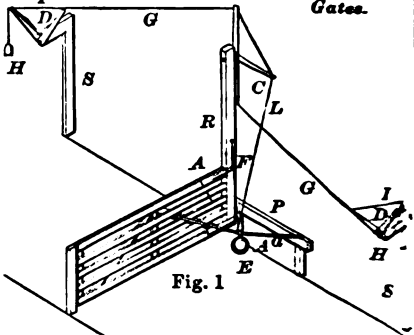
87836—J. R. Gillett—*Whip Mounting.*87837—O. Gilmore—*Liquid Meter.*87839—D. G. Goodall—*For Operating Gates.*

Fig. 1

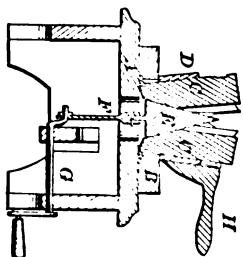
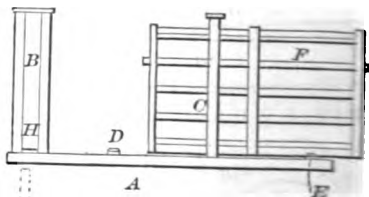
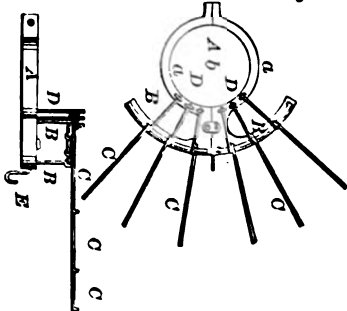
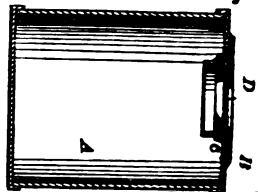
87841—S. S. Gray—*For Moulding Paper Collars.*87842—W. H. Griscom—*Gate.*

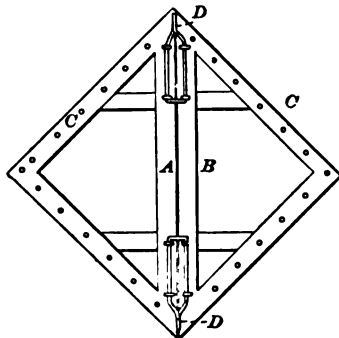
Fig. 2

87843—S. E. Grout—*Towel Dryer.*87840—W. J. Gordon—*Air Tight Can.*

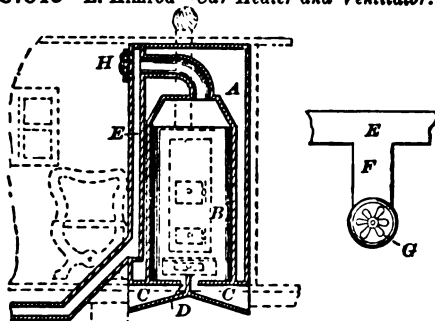
87844—O. B. Hale—For Pulling Hop Poles.



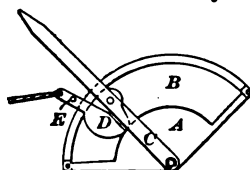
87845—G. Heffner—Harrow.



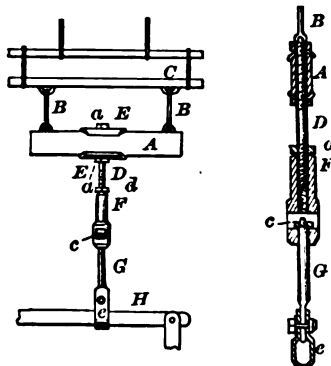
87846—E. Himrod—Car Heater and Ventilator.



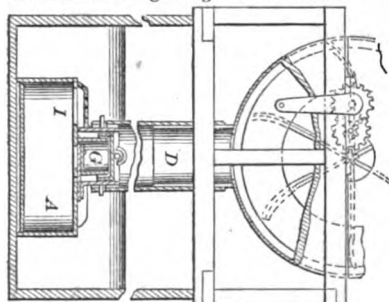
87847—J. Hoke—Wagon Brake.



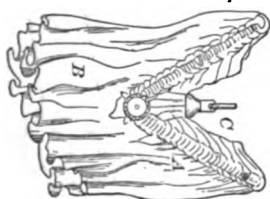
87848—J. T. Holden—Loom.



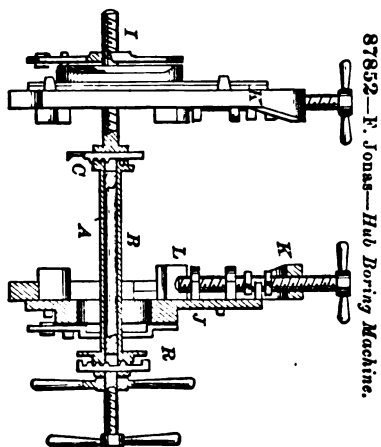
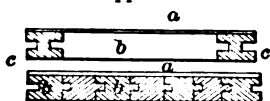
87851—I. Houghtling—Milk Cooler.



87849—J. B. Holmes—Mosquito Net.



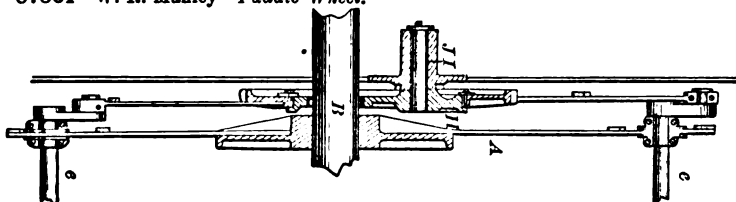
87853—J. G. Kappes—Mosaic Floor.



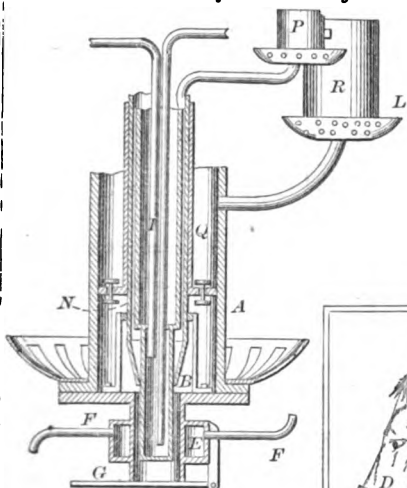
87852—F. Jones—Hub Boring Machine.



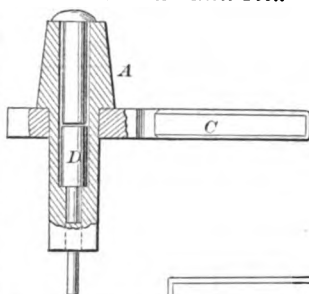
87861—W. R. Manley—Paddle Wheel.



87862—J. McCloskey—For Making Tubing.



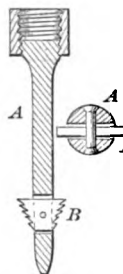
87863—J. Miller—Rivet Tool.



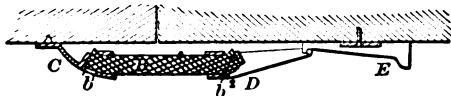
87864—J. H. Minnich—Bridle Bit.



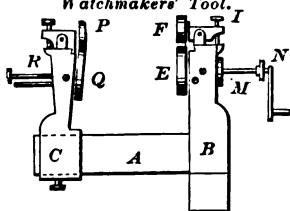
87865—Mix & Wilder—Grapple for Tubes.



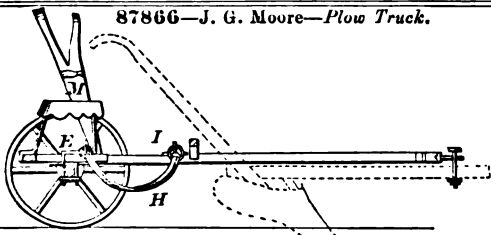
87867—E. L. Morse—Door Spring.



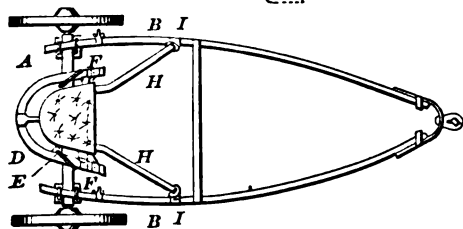
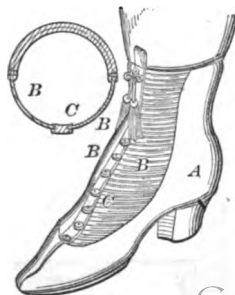
87868—C. E. Murray—Watchmakers' Tool.



87866—J. G. Moore—Plow Truck.

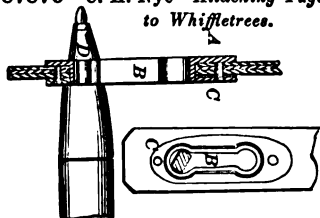


87869—E. Mougaret—Gaiter Boot.

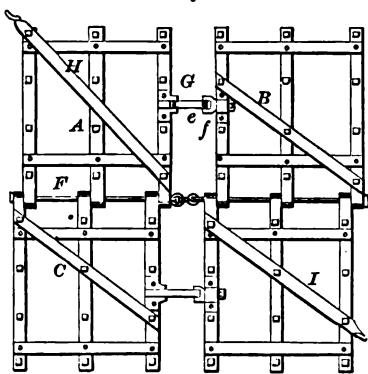




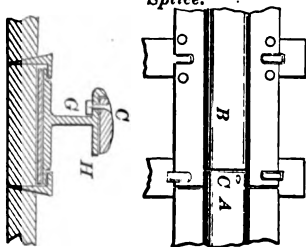
87870—C. H. Nye—Attaching Tugs to Whiffletrees.



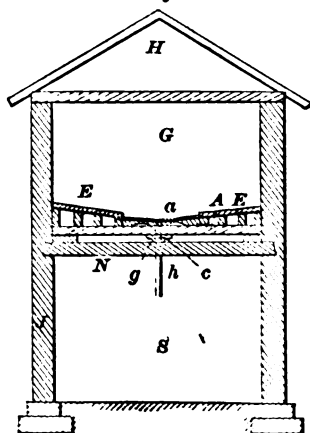
87872—Pense & Lykke—Harrow.



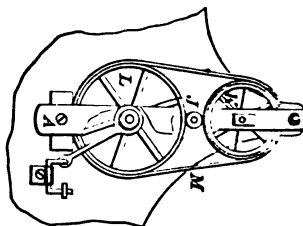
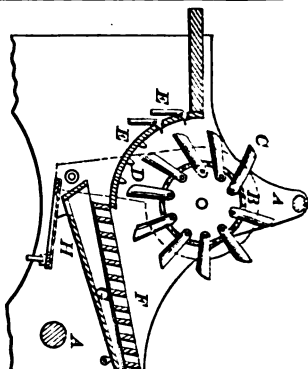
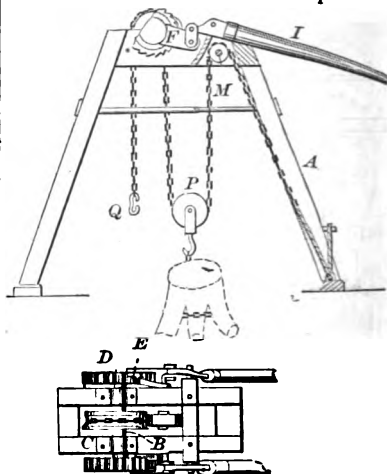
87873—P. Prettyman—Railway Rail Splice.



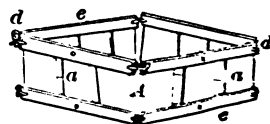
87878—R. Schmid—Cellar for Preserving Beer.



87871—B. & M. L. Oliver—Stump Extractor.



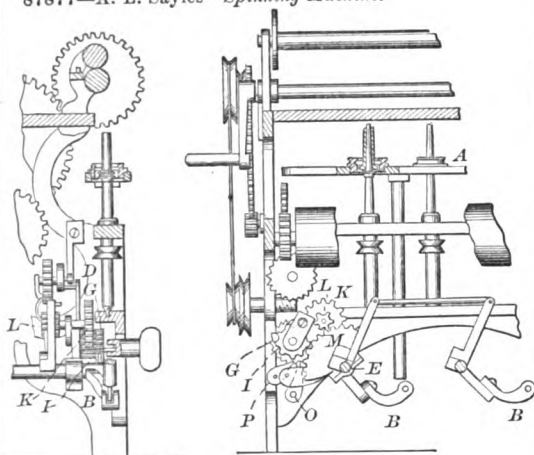
87875—Robinson & Shepard—Fruit Box.



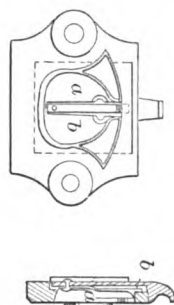
87876—D. R. Russell—Fire Tump.



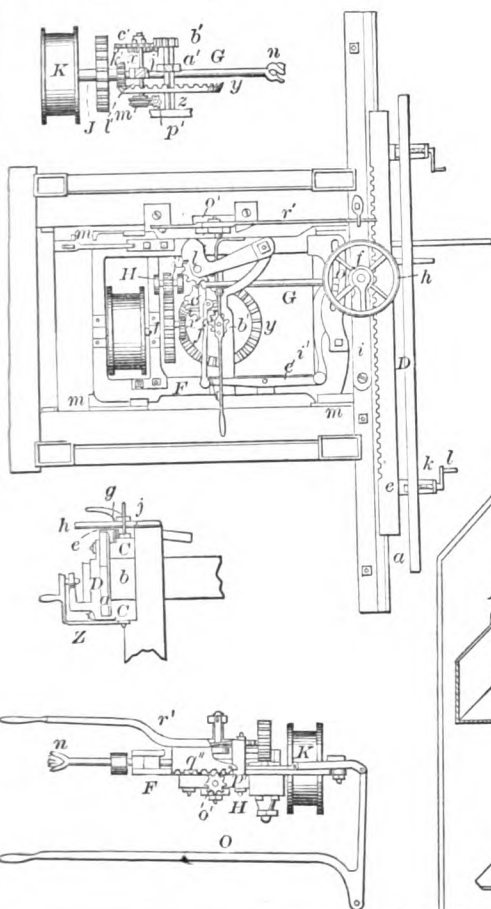
87877—A. L. Sayles—*Spinning Machine.*



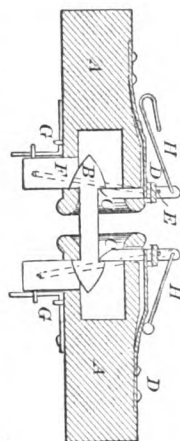
87880—J. F. Sharp—*Oil Box for Car Axles.*



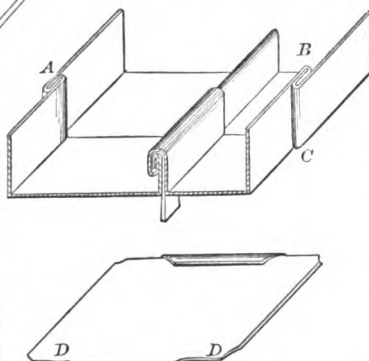
87879—H. Selick—*Mortising Machine.*

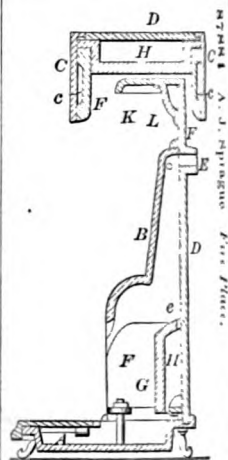
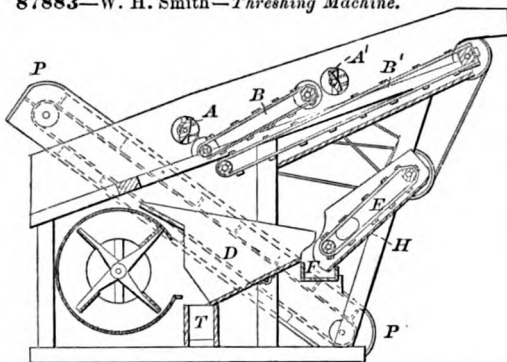
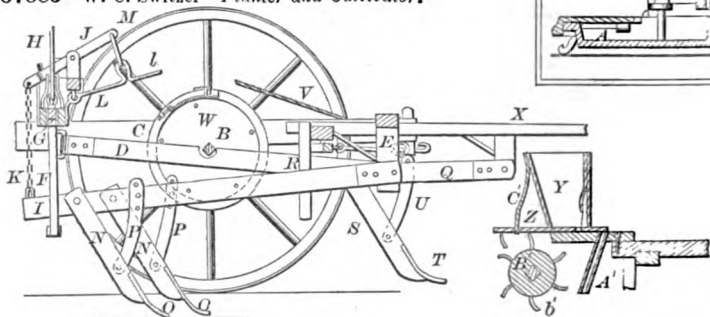
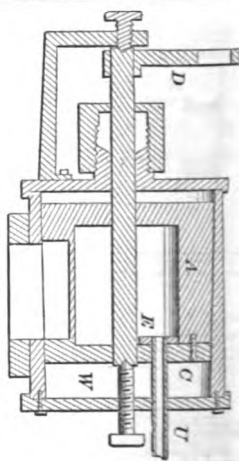
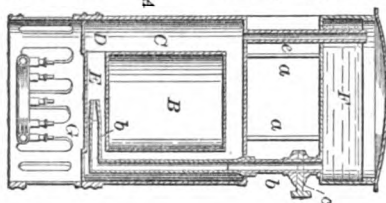
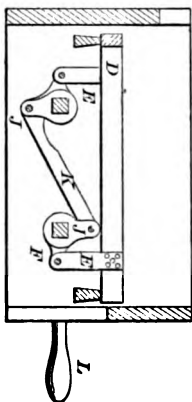
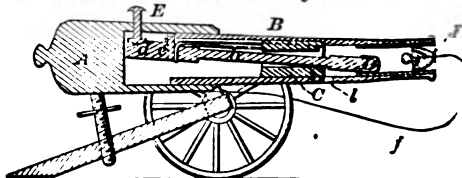


87882—Smith & Hinchman—*Car Coupling.*

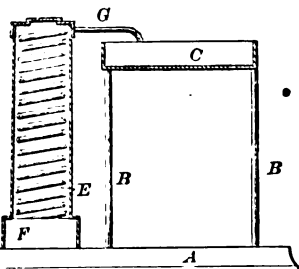


87881—J. H. Shimmons—*Sheet Metal Roofing.*

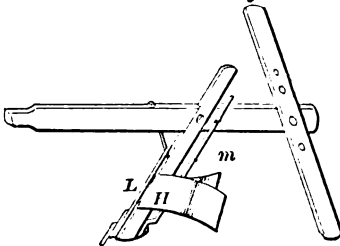


87883—W. H. Smith—*Threshing Machine.*87885—W. C. Switzer—*Planter and Cultivator.*87886—W. H. Towers—*Heating Apparatus.*87891—Weible & Robinson—*Saw.*87889—J. G. Trotter—*For Making Iron and Steel*87887—Trask & Ford—*Toy Gun.*

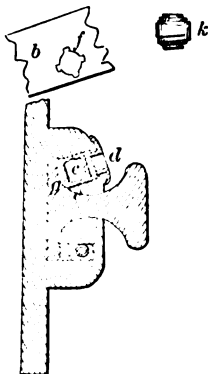
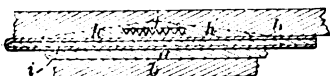
87890—A. Van Horn—*Oil Evaporator.*



**87892—W. West—*Ditching Plow.***



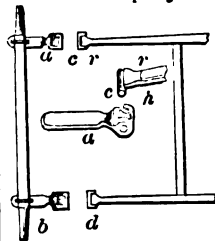
**87893—W. Wickersham—*Railroad Chair.***



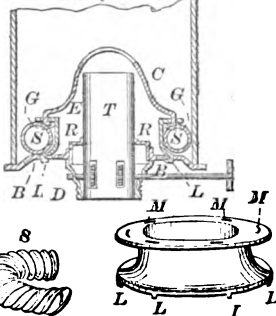
**87897—J. D. Wyman—For Soldering Irons.**



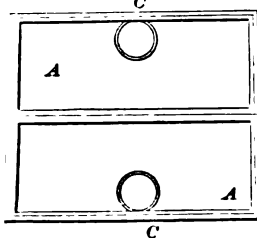
**87899—W. S. Appleget—**  
*Thill Coupling.*



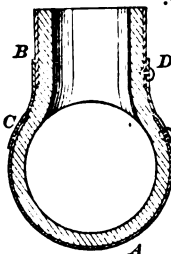
**87898**—J. B. Alexander—  
*Lamp Burner.*



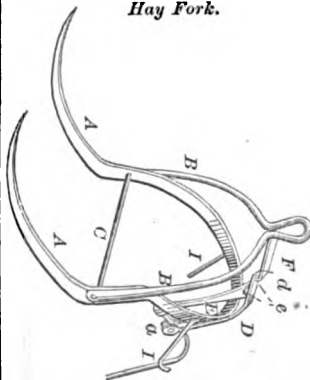
**87895—N. B. Williams—**  
*Backgammon Board.*



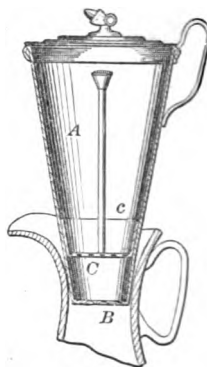
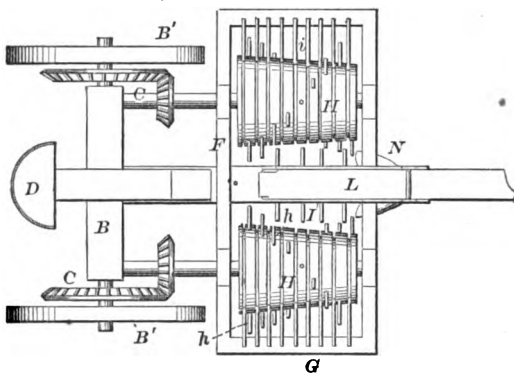
**87000—P. Ball—Branch Joint for Wrought Iron Water Pipes.** 



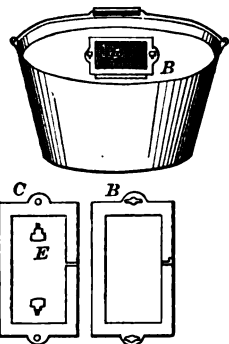
**87902**—W. H. Berdan—*Horse—*  
*Hay Fork.*



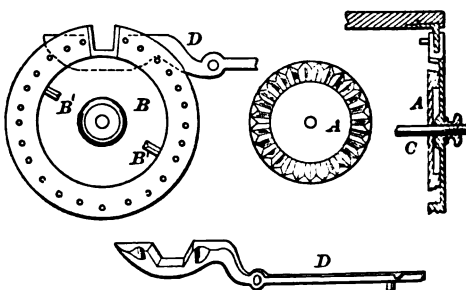
87901—W. Beatty—Potato Digger.



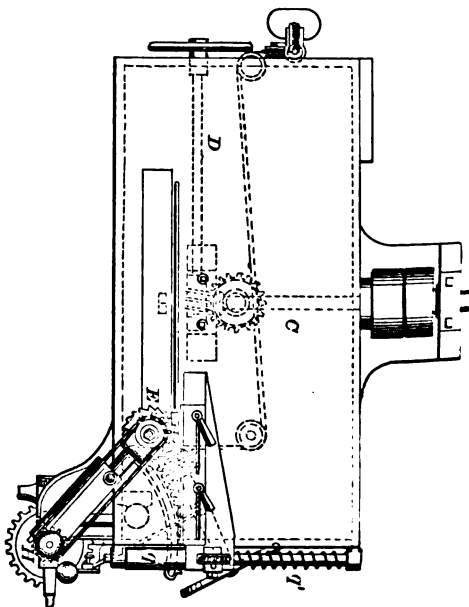
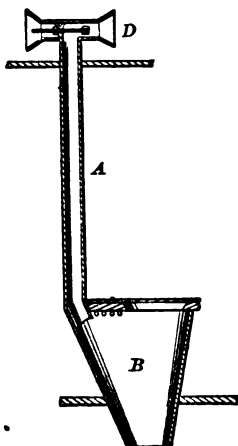
87903—A. Horney—Vessel for Making Coffee.

87904 A. A. Bingham—  
Milk Strainer.

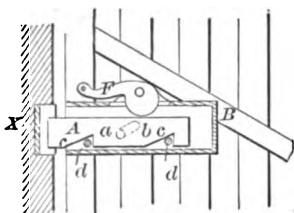
87905—F. Brewster—Alarm Lock.



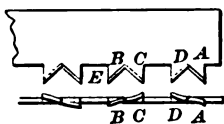
87908—J. Casson—Sawing Machine.

87906—F. H. Brown—  
Ventilator for Water Closets.

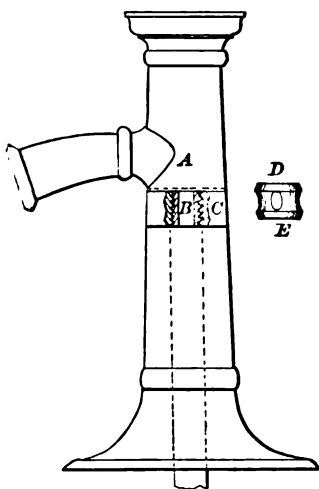
87907—L. Brumbach—*Latch.*



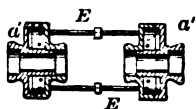
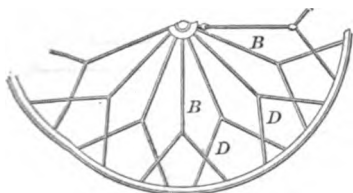
87910—W. Clemson—*Saw.*



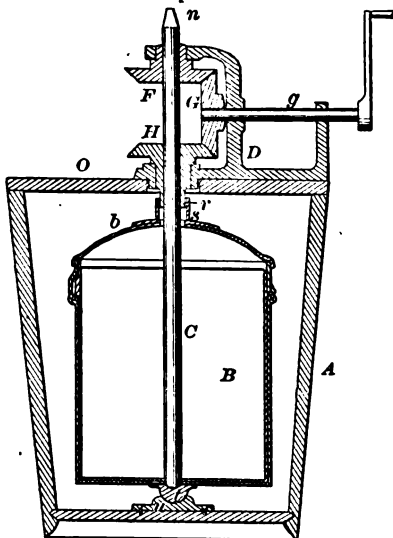
87912—G. Cowing—*Pump.*



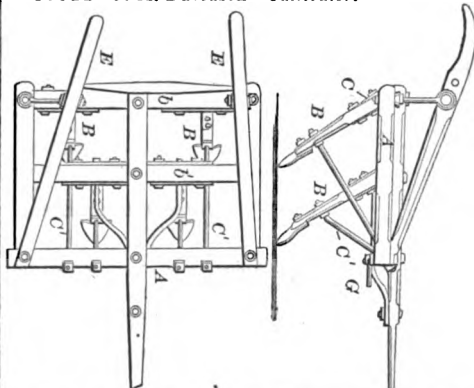
87913—C. Cummings—*Carriage Wheel.*



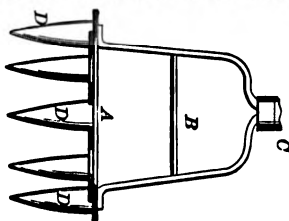
87909—J. R. Champlin—*Ice Cream Freezer.*



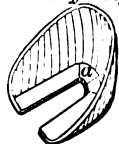
87914—J. M. Davidson—*Cultivator.*



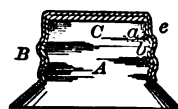
87911—J. W. Colburn—*For Protecting Plants.*



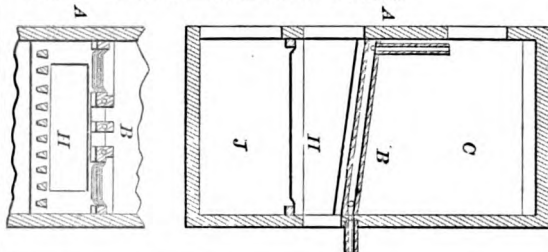
87916—A. B. Ely—*Heel Stiffening.*



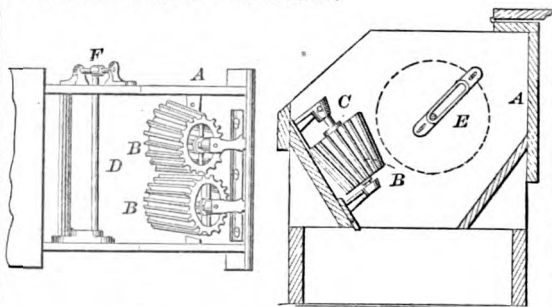
87915—F. W. Devos—*Can.*



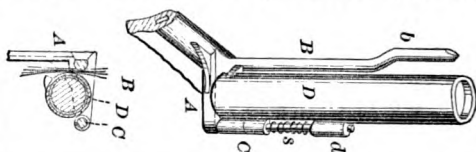
87917—W. Ennis—Steam Boiler Furnace.



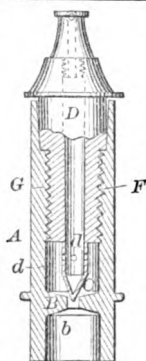
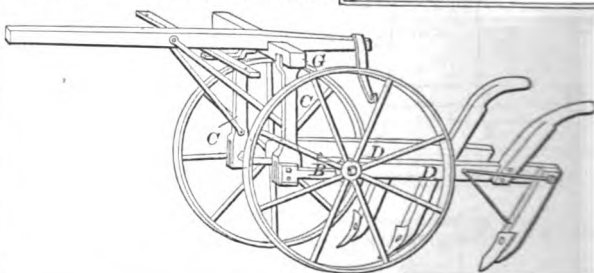
87920—P. Ferrier—Corn Sheller.



87921—J. R. Finney—Whip Socket and Rein Holder.

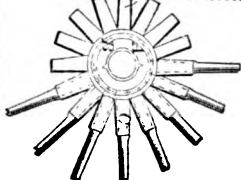


87923—J. C. French—Cultivator.



87922—C. Franz—Gas Burner.

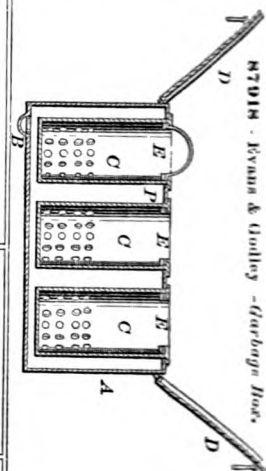
87926—D. Grim—Carriage Wheel.



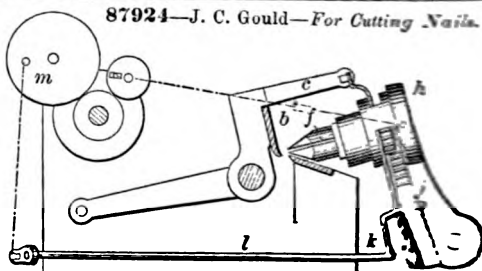
87919—Fellows &amp; Lyon—Hook Blanks.



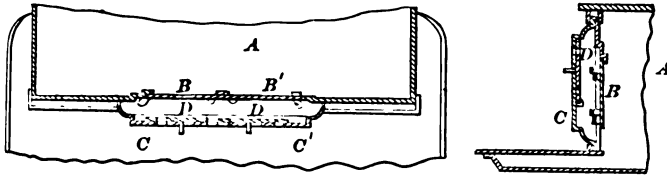
87918—Evans &amp; Godley—Garbage Box.



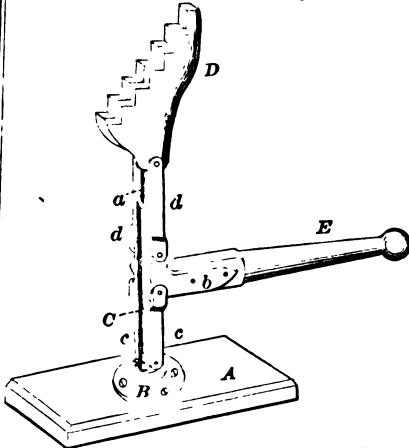
87924—J. C. Gould—For Cutting Nails.



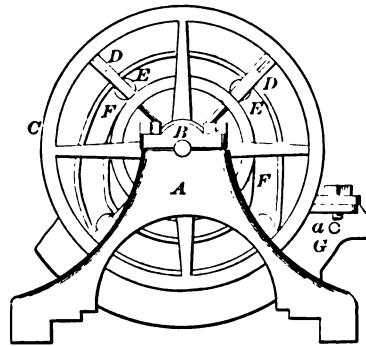
87925—Greer & King—Stove.



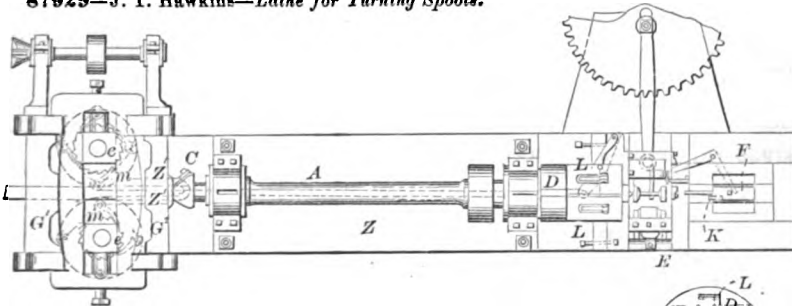
87927—J. H. Hadley—Carriage Jack.



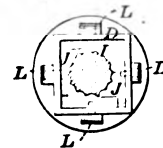
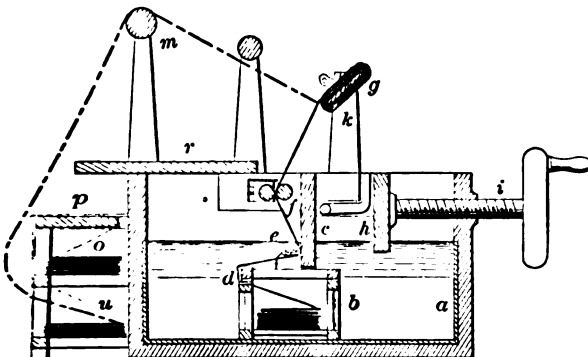
87928—S. H. Hamilton—Steam Engine.



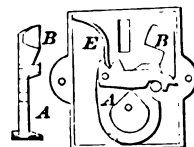
87929—J. T. Hawkins—Lathe for Turning Spools.



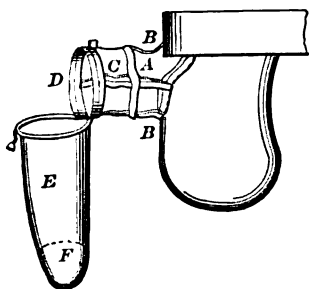
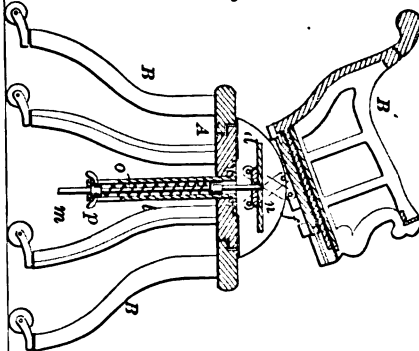
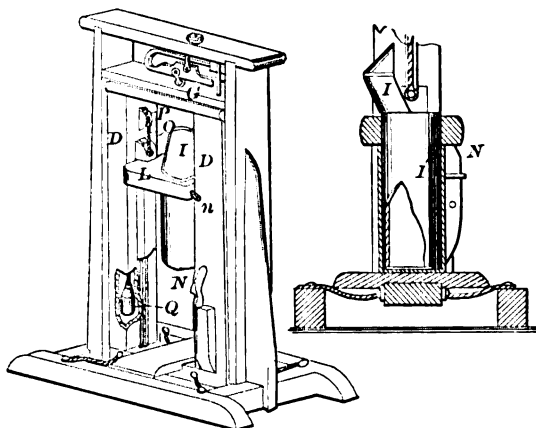
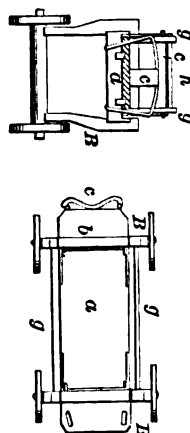
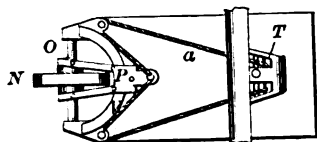
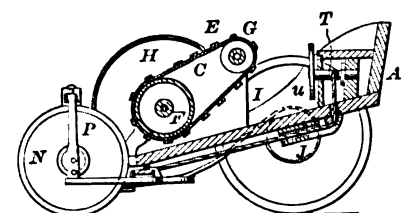
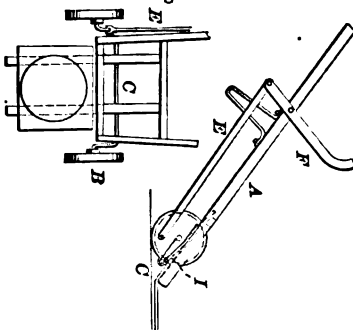
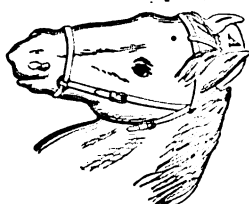
87930—W. Hebdon—For Damping, &c., Cloth.



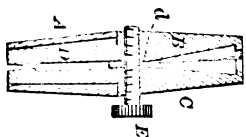
87931—L. Hillebrand—Trunk Lock.





87932—E. F. Hofmann—*Bandage*.87933—C. Holtz—*Baby Chair*.87934—C. B. Horton—*Flour Sacker*.87935—J. Hoyt—*Truck for Moving Pianos*.87936—N. W. Hubbard—*Velocipede*.87939—H. C. Ingraham—*Truck*.87938—D. K. Humphrey—*Pad for Horses*.

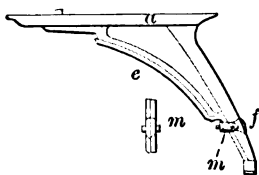
87940—W. A. Ives—*Bit Brace.*



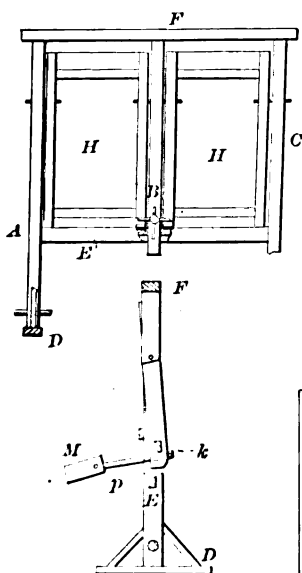
87942—Johnson & Sibley—*Inner Sole for Boots.*



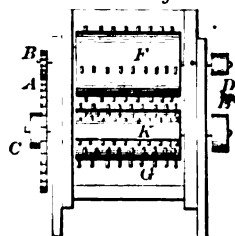
87943—C. P. Kimball—*Sleigh.*



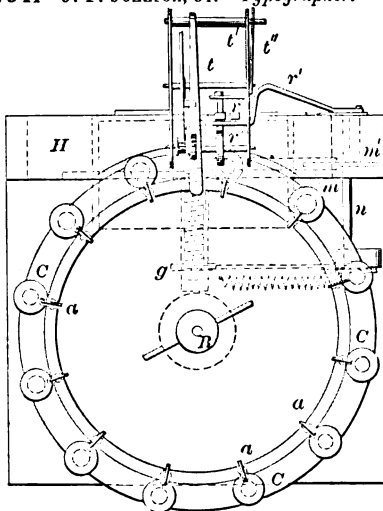
87944—A. L. King—*Flood Gate.*



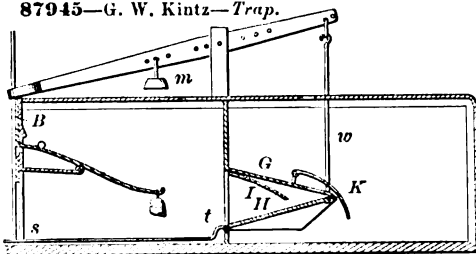
87949—Lutz, Eberly & Becker—*Threshing Machine.*



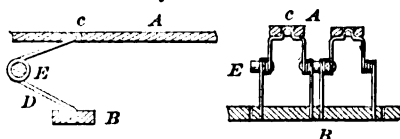
87941—J. F. Johnson, Jr.—*Typographer.*



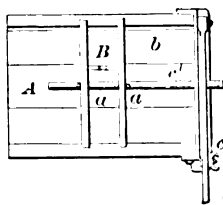
87945—G. W. Kintz—*Trap.*



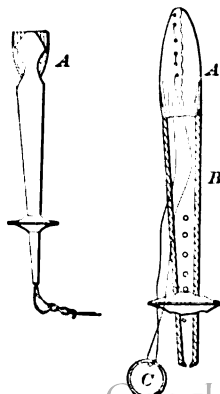
87948—R. O. Lowrey—*Bed Bottom.*

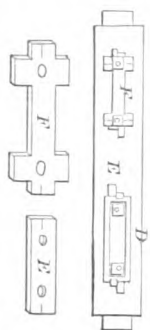
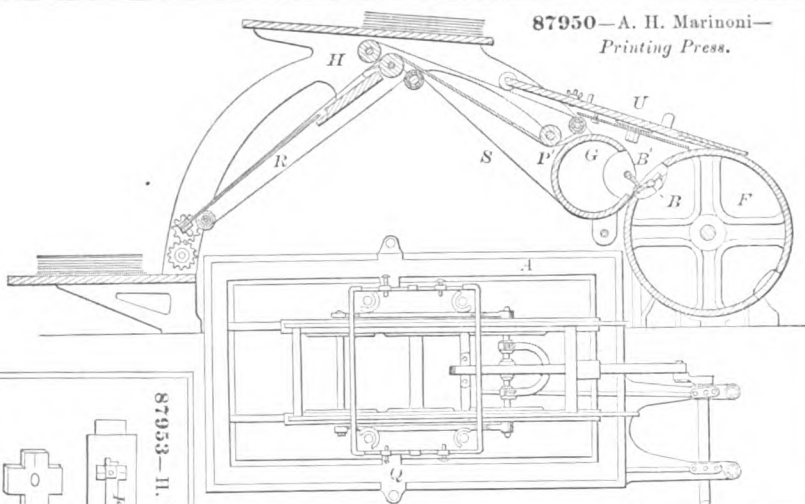


87947—J. L. Linderman—*Seed Sower.*

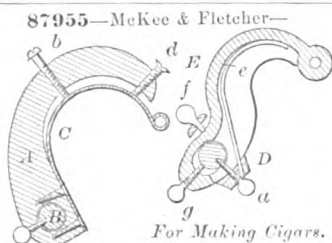


87946—A. M. A. Laforgue—*Surgical Instrument.*

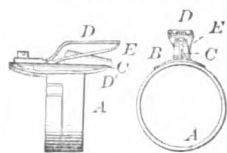




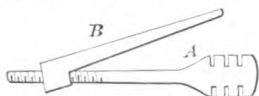
87953—H. McGown—For Locking Nuts.



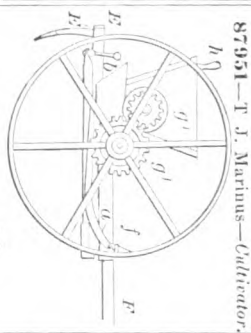
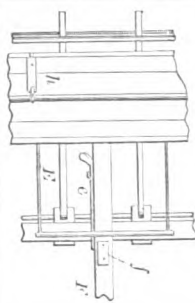
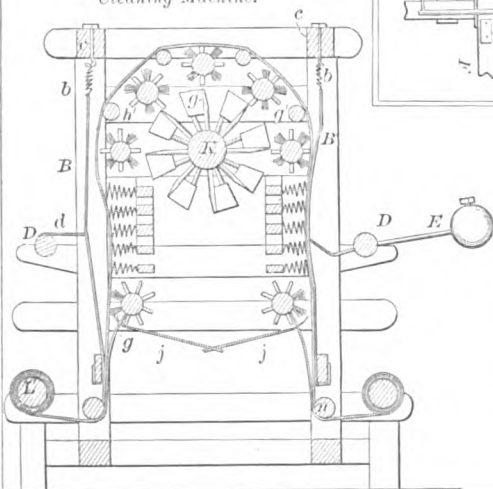
87954—S. F. McGown—Twine Cutter.



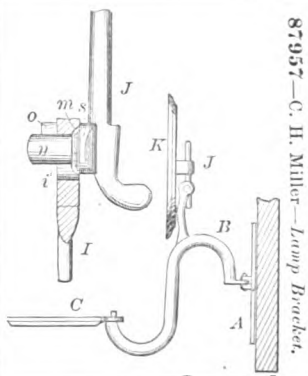
87956—J. Merrill—Saw Set.



87952—W. McArthur—Carpet Cleaning Machine.

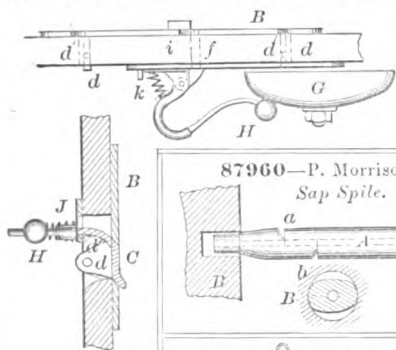


87951—T. J. Marins—Cultivator.

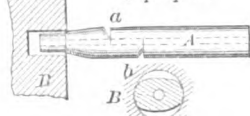


87957—C. H. Miller—Lamp Bracket.

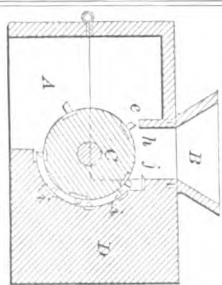
87958—C. H. Miller—*Door Plate and Alarm.*



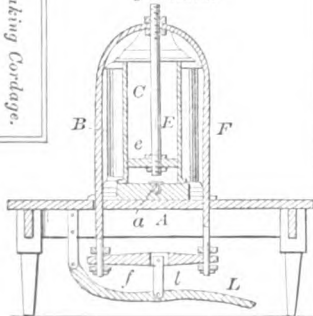
87960—P. Morrison—  
*Sap Spile.*



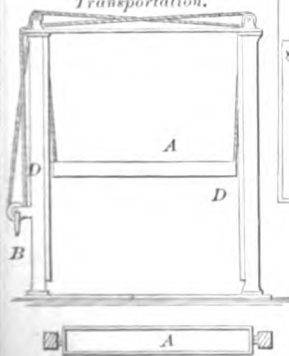
87961-G. Norman-Med



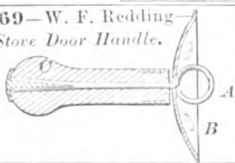
87962—D. Neff—*Soda  
Fountain.*



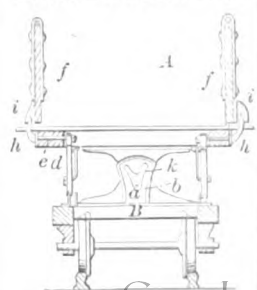
**87970**—W. Reid—*For Feeding Cattle during Transportation.*



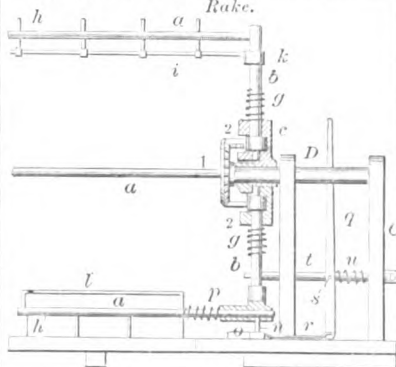
87969—W. F. Redding—  
Stove Door Handle.



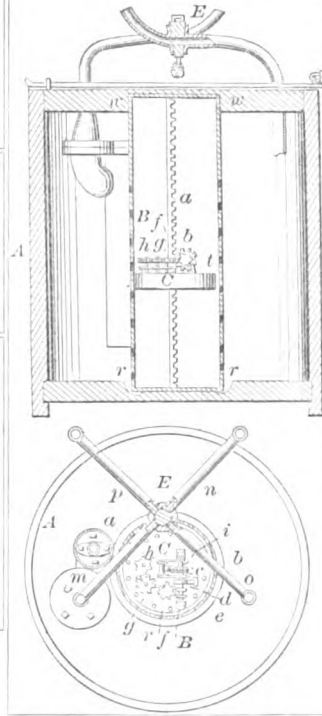
87967—C. C. Plaisted—  
*Pencil Sharpener.*

87966—A. Peteler—*Car.*

87963—A. & C. W. Palmer—*Harvester*  
*Rake.*



87959—Minor & M. W. & G. W. Nesmith—*Liquid Meter*.



87971—Robson &amp; Hughes—Still.

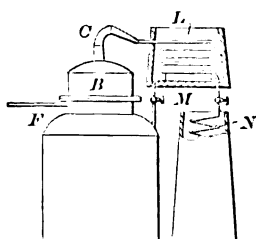
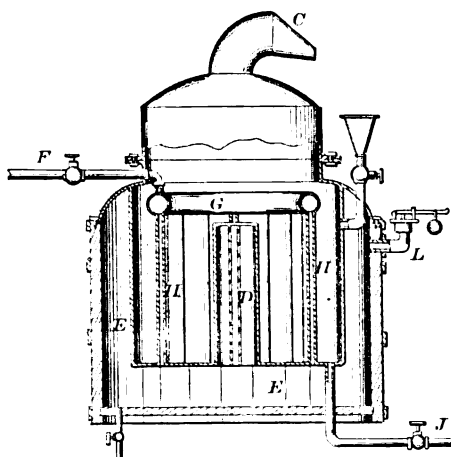
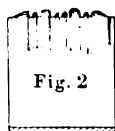
87973—J. M. Roe—Saddle Loop  
Fig. 1 for Harness.

Fig. 1



Fig. 3

Fig. 5

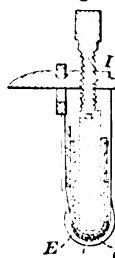


Fig. 6

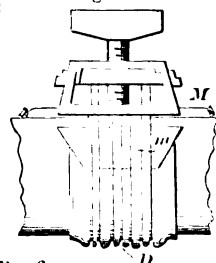
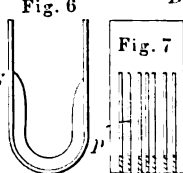
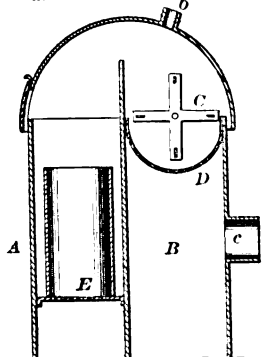


Fig. 7

87975—T. Rowe—Cleaning Cotton  
and other Seeds.

A

B

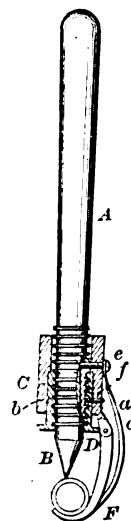
C

D

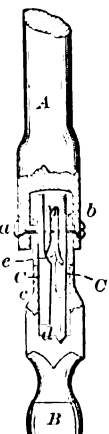
E

F

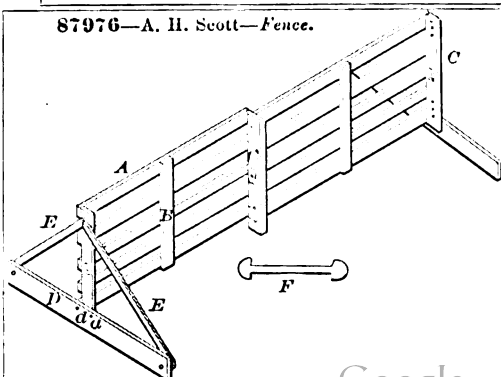
87972—H. Richter—Gut Pliers.



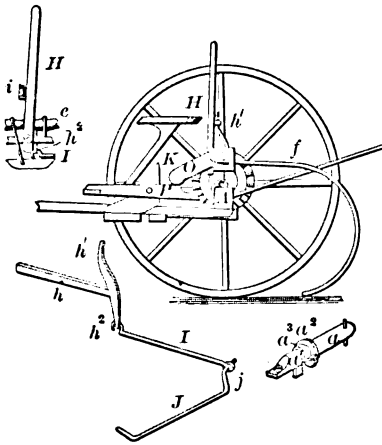
87974—J. Rose—Recessing Tool.



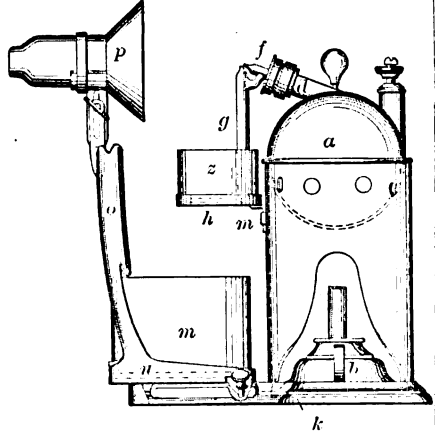
87976—A. H. Scott—Fence.



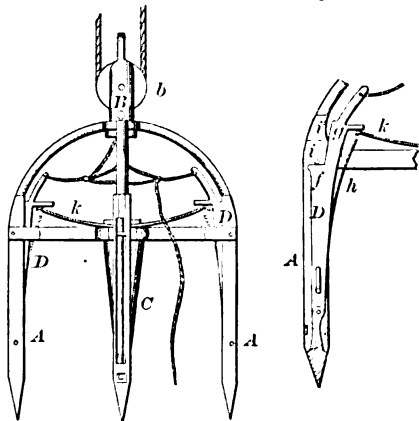
87977—J. H. Shireman—Horse Rake.



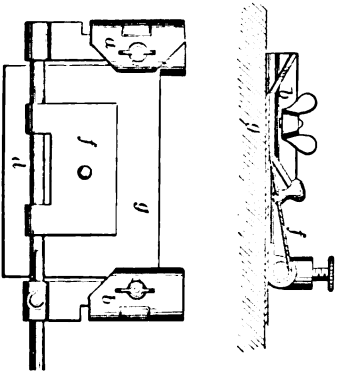
87978—A. M. Shurtleff—Atomizing Apparatus.



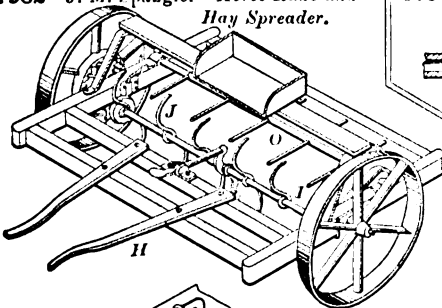
87979—E. Huoncker—Horse Hay Fork.



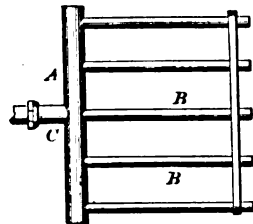
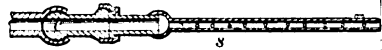
87983—N. Stafford—Stencil Cutting Gauge.



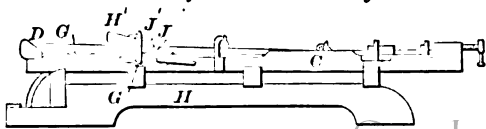
87982—J. M. Spangler—Horse Rake and Hay Spreader.



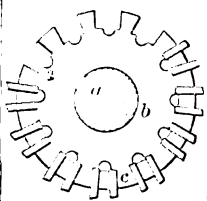
87984—G. A. Starkweather—For Leaching Bark and other Material.



87981—A. G. Snyder—Wood Bending Machine.



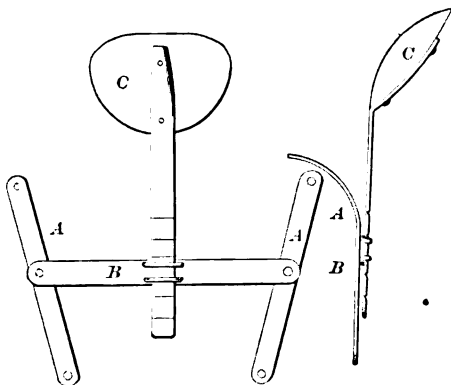
**87985—**  
A. P. Stephens—  
Metal Cutter.



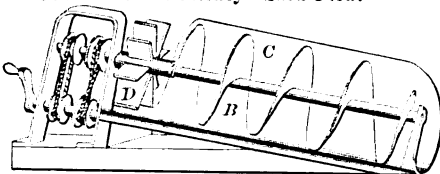
**87990—G. H. Todd—Cartridge  
Shell.**



**87987—T. B. Stout—Head Rest.**



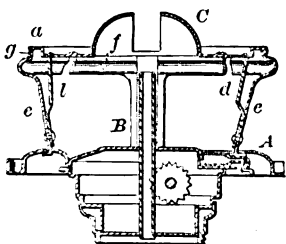
**87989—C. W. Tierney—Snow Plow.**



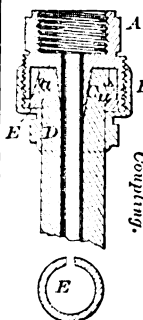
**87991—T. H. Tyndale—Target Fastener.**



**87988—A. Taplin—Lamp  
Burner.**



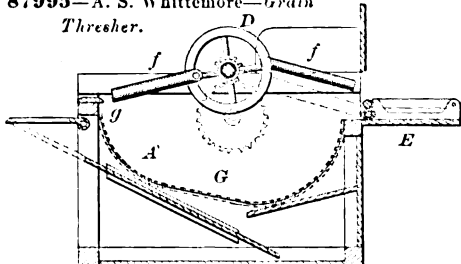
**87993—C. H. Weston—Hose and Type  
Coupling.**



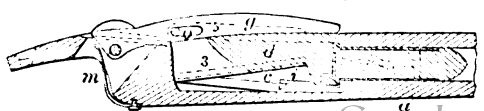
**87994—C. H. Weston—For Cloth  
Pressing.**



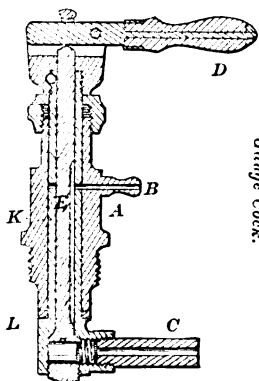
**87995—A. S. Whittemore—Grain  
Thresher.**



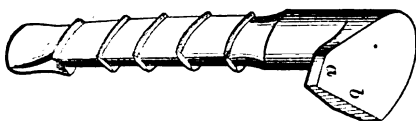
**87997—D. Williamson—Fire Arm.**



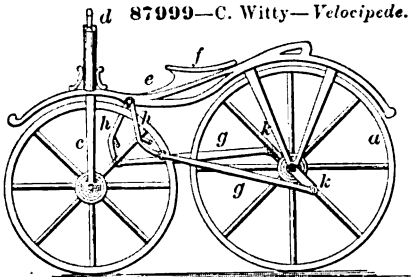
**87992—J. Waters—Steam Generator  
Gauge Clock.**



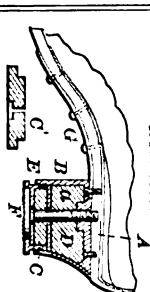
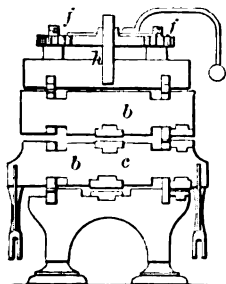
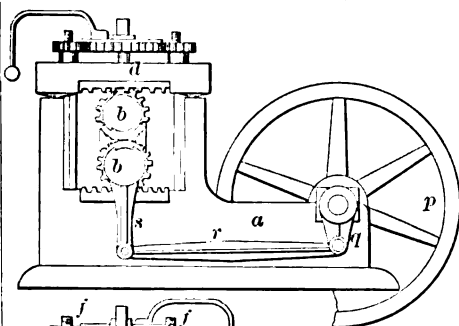
87998—S. Winkley—Spike.



87999—C. Witty—Velocipede.

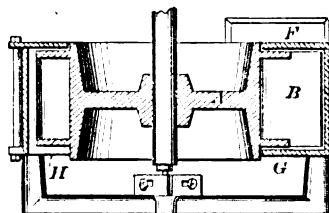
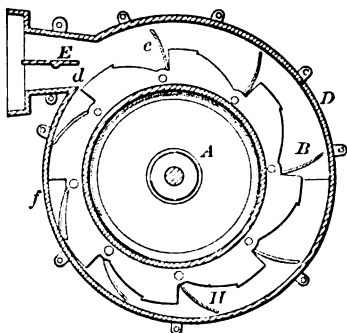


88003—W. Baker—Breech Plates for Guns.

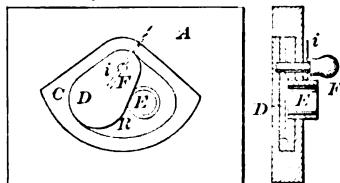


88000—A. T. Perrine—  
Boot Heel.

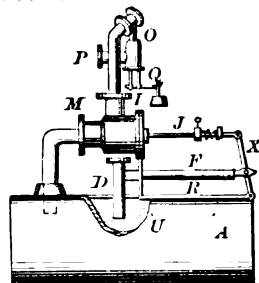
88001—J. B. Park—Water Wheel.



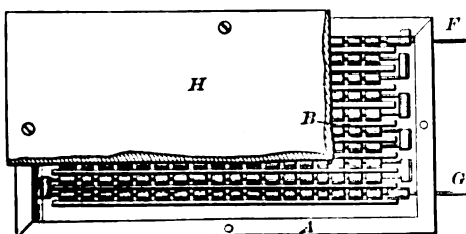
88008—L. S. & Z. H. Chase—Valve  
for Vessel Bottoms.



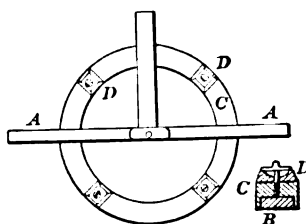
88005—J. Boden—Boiler Feeder.



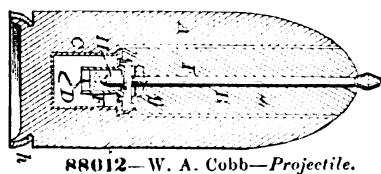
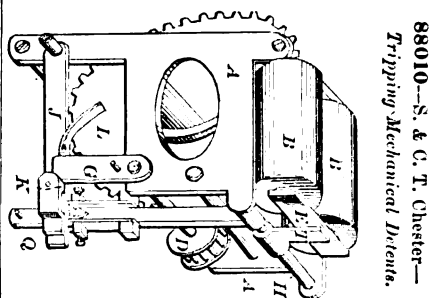
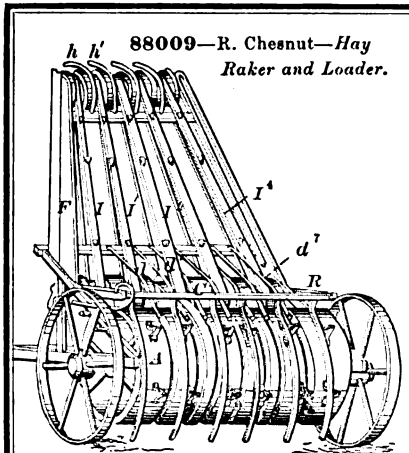
88006—W. L. Burton—Heating Apparatus.



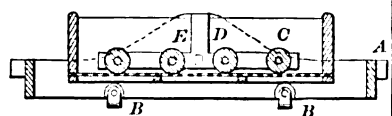
88007—E. G. Cameron—Fifth  
Wheel for Vehicles.



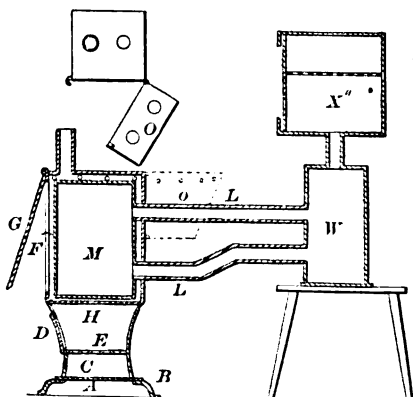




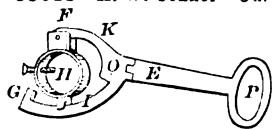
**88014—J. Coyle—Flour Sifter.**



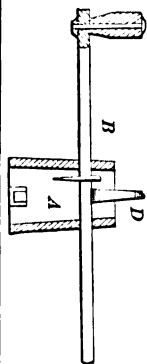
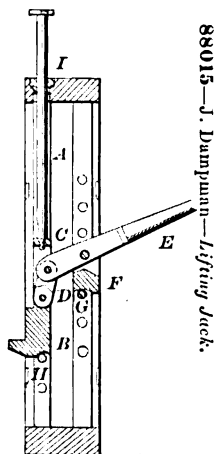
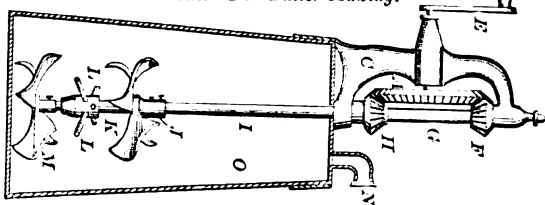
**88011—O. E. Clark—Cooking Stove.**



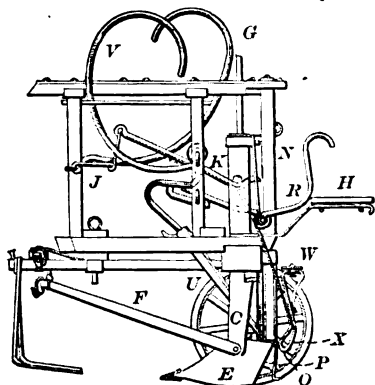
**88013—H. W. Connor—Oar.**

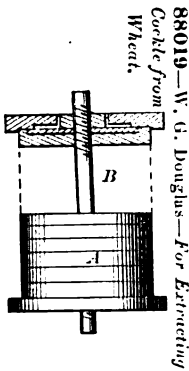


**88016—F. P. Deuel—For Butter Making.**

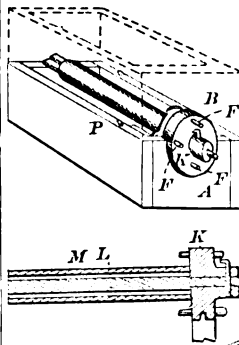


**88018—E. L. Dorsey—Road Scraper.**





88019—W. G. Douglas—For Extracting Cocks from Wheat.

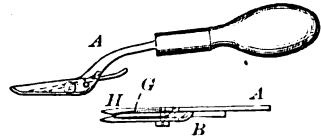


88020—J. Edson—Pipe Mould.

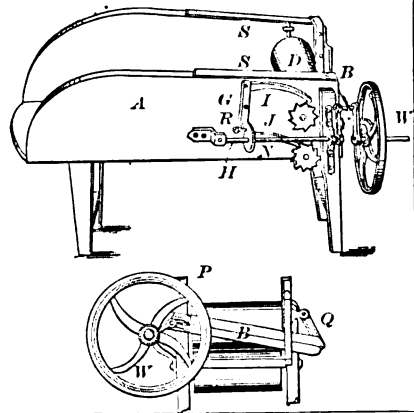
88021—A. B. Ely—Bridle Bit.



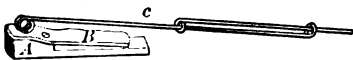
88024—M. J. Ferren—Welt Knife.



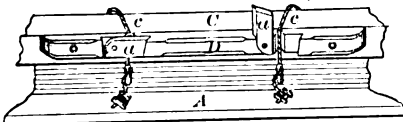
88023—S. F. Estell—Straw Cutter.



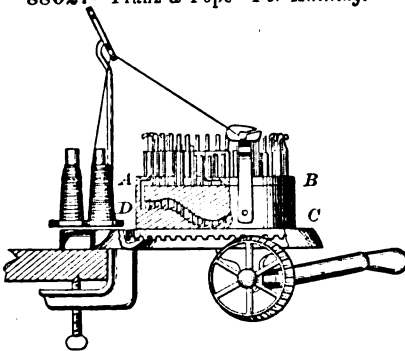
88022—F. Emmons—Book Holder.



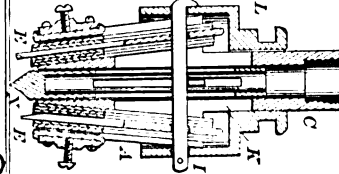
88026—C. S. H. Foster—Mackerel Latch.



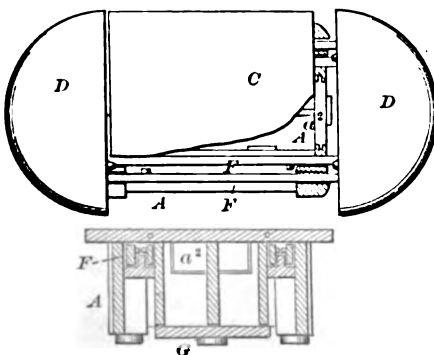
88027—Franz & Pope—For Knitting.



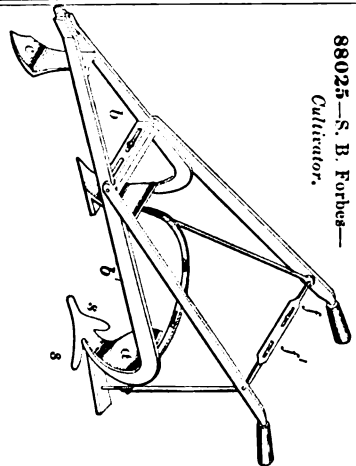
88030—B. & F. Geyler—Bung Cutter.



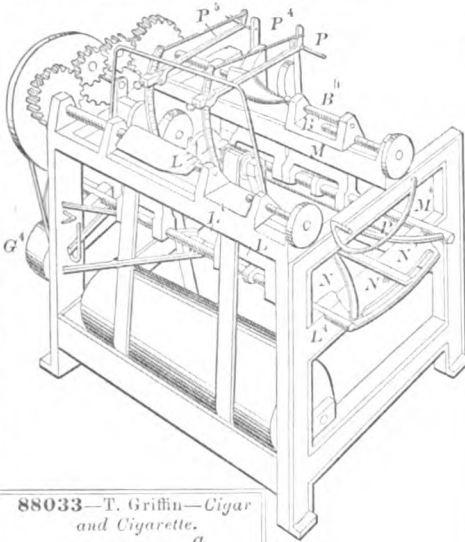
88028—L. Freeman—Table.



88025—S. B. Forbes—Cultivator.



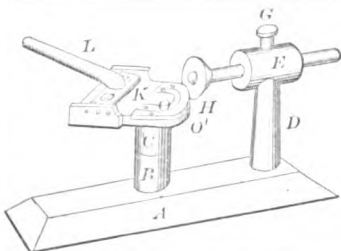
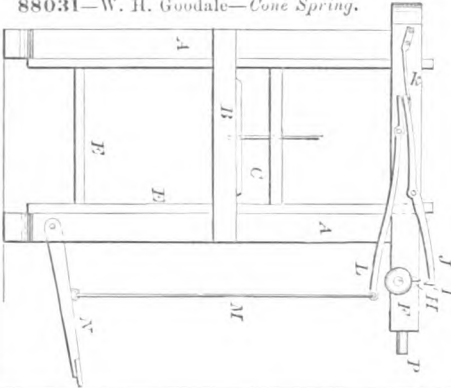
88029—R. R. Frohock—*Last Machine.*



88033—T. Griffin—*Cigar and Cigarette.*

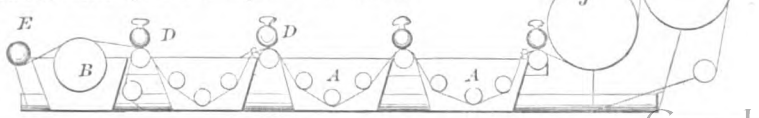


88031—W. H. Goodale—*Cone Spring.*

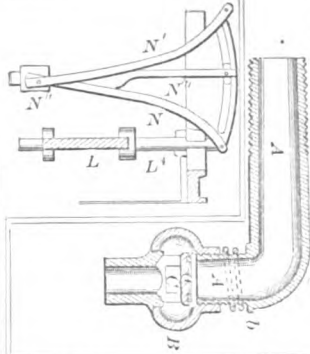


88037—L. M. Ham—*State Punching and Cutting Machine.*

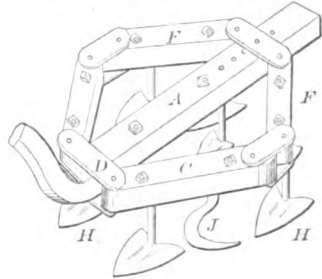
88035—S. Gwynn—*For Vegetable Membrane.*



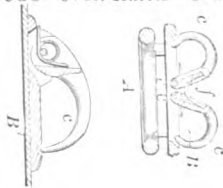
88032—D. W. Green—*Faucet.*



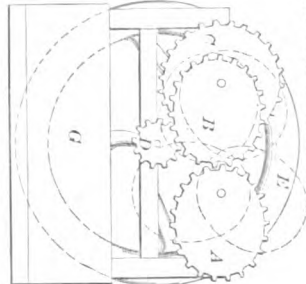
88034—A. Grohmann—*Cultivator.*



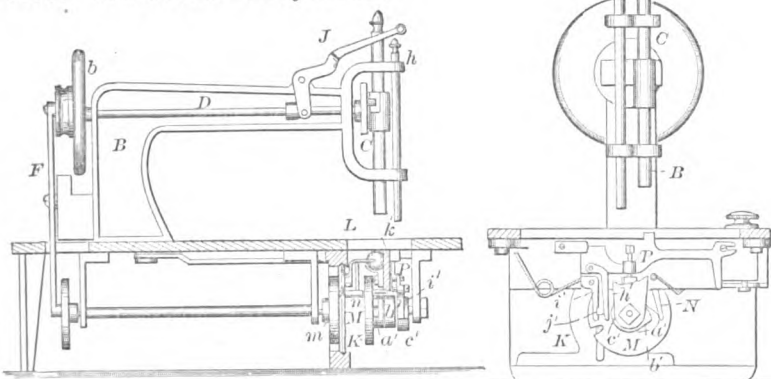
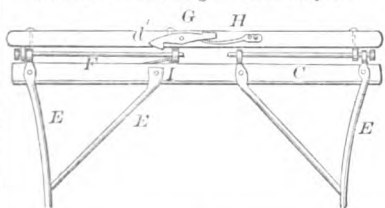
88038—J. H. Harris—*Trace Carrier.*



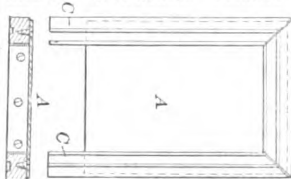
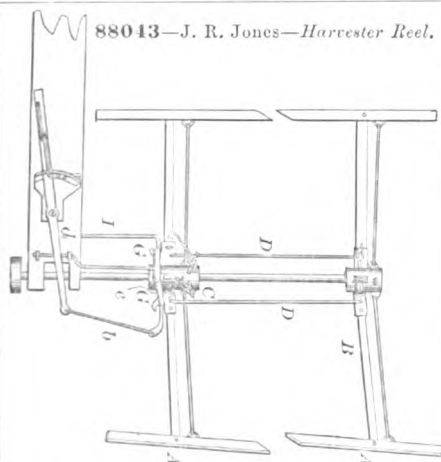
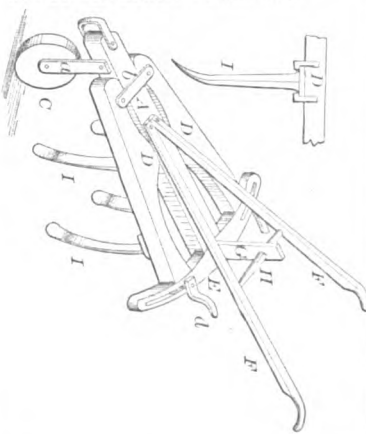
88040—H. R. Huling—*Mechanical Movement.*



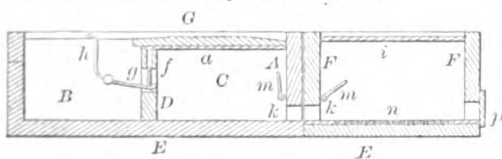
**88039**—M. C. Hawkins—*Sewing Machine.*

88042—S. Jennings—*Thill Shifter*.

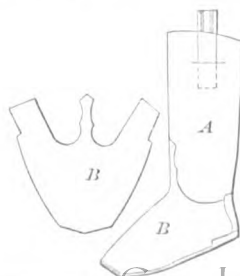
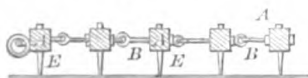
88041—E. Hutchins—*Printers' Galley.*

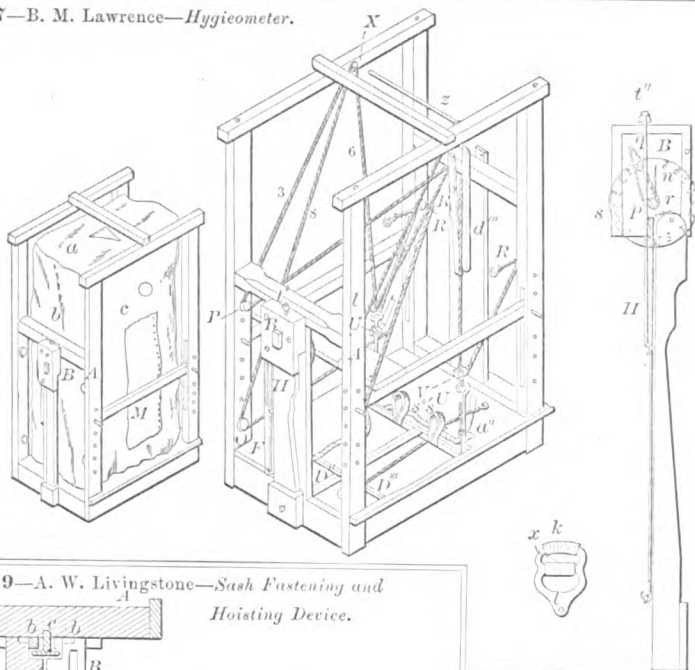
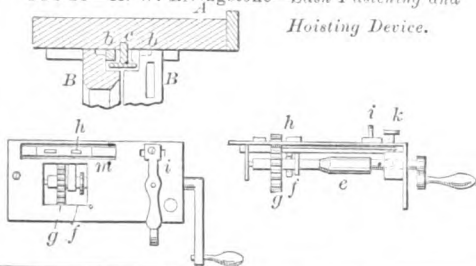
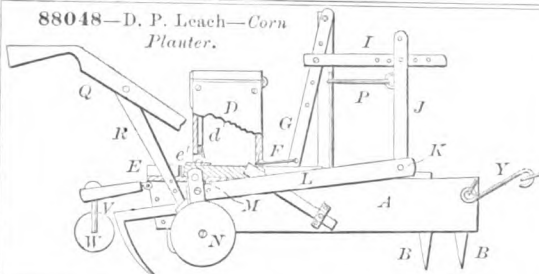
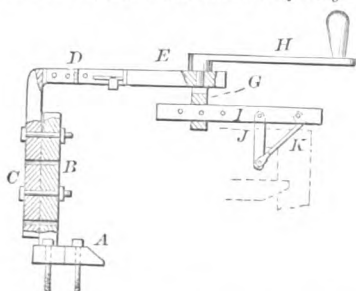
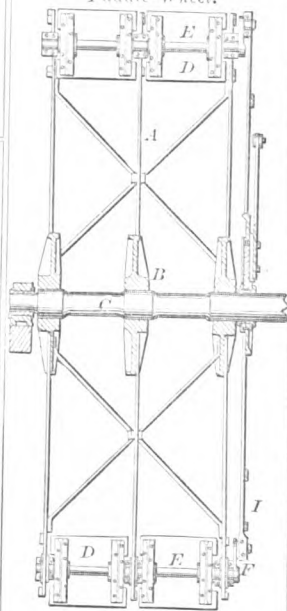
88043—J. R. Jones—*Harvester Reel*.88045—H. Landes—*Cultivator*.

88044—J. H. & J. Kiplinger—*Fly Trap*.

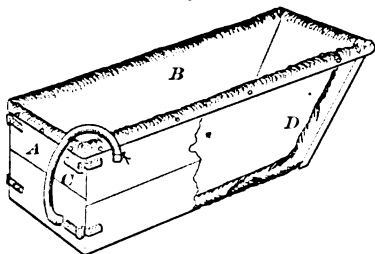


88050—J. H. Livingston—*Boot.*

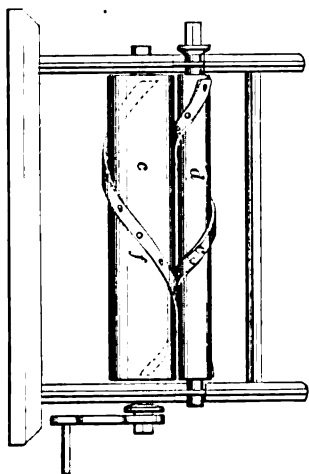
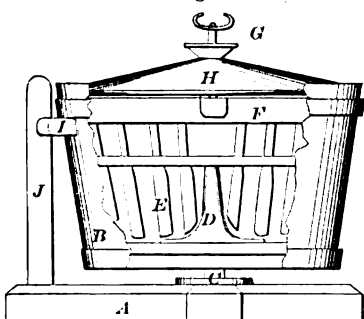
88046—Lane & Healy—*Harrow*.

88047—B. M. Lawrence—*Hygiometer.*88049—A. W. Livingstone—*Sash Fastening and Hoisting Device.*88048—D. P. Leach—*Corn Planter.*88053—Mattox & Corson—*Chamfering Machine.*88052—W. R. Manley—*Paddle Wheel.*88051—J. F. Lowe—*Hoe.*

88054—R. McCully—Bath Tub.

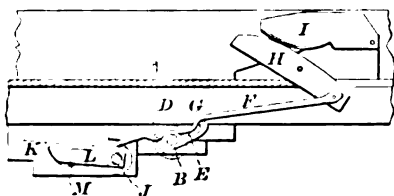


88056—C. Messenger—Churn.

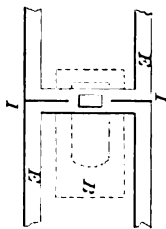
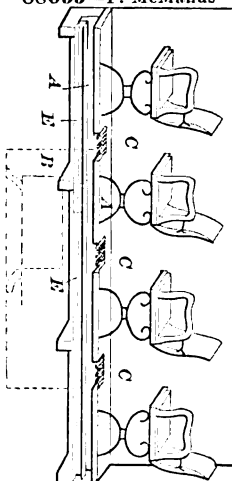


88061—S. R. Morgan—For Transmitting History Motion.

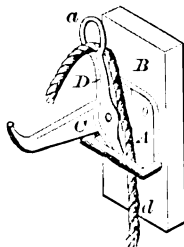
88063—L. H. Newton—For Turning Logs in Mills.



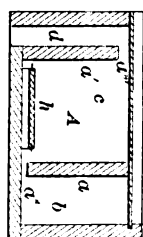
88055—F. McManus—Car Heater.



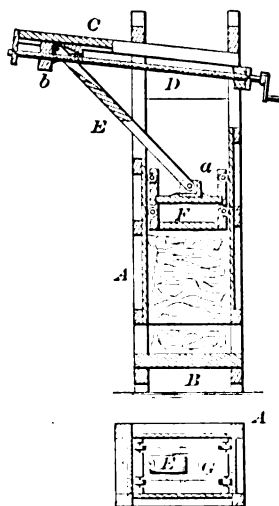
88057—W. A. Middleton—Coat Hook and Line Holder.



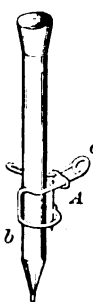
88058—P. Miller Jr.—Bee Feeder.

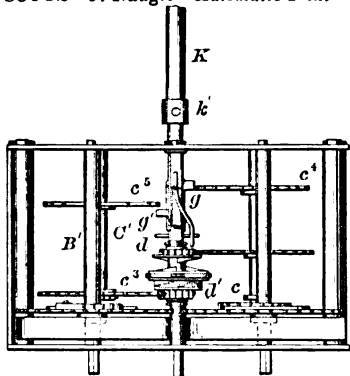
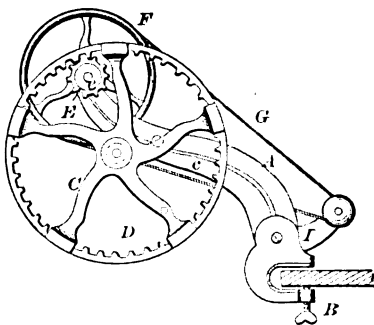
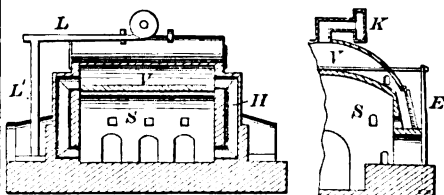
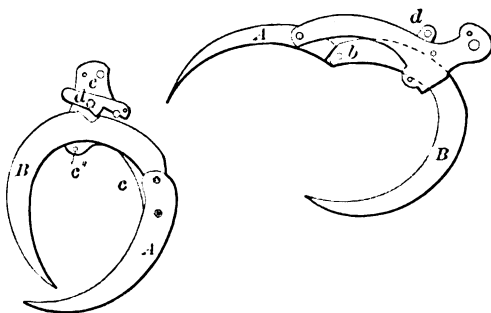
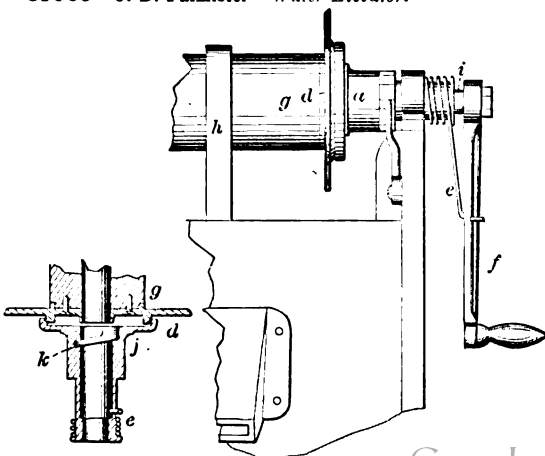
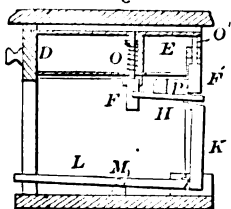


88059—C. W. Millerd—Cotton Press.

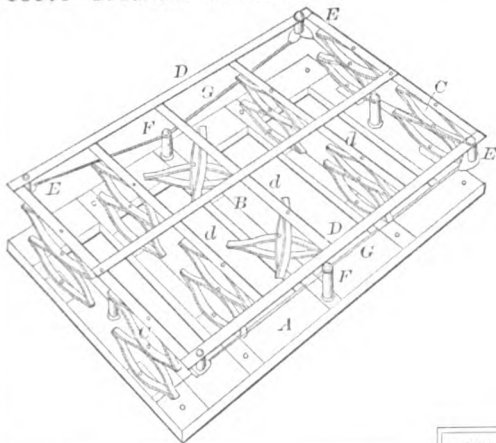


88060—J. L. Moore—Pencil Holder.

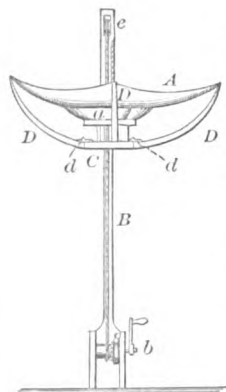


**88062—J. Naugle—Automatic Fan.****88065—F. M. Nixon—Spinning Machine.****88066—S. Oakman—Glass Furnace.****88067—O. Paddock—Horse Hay Fork.****88072—E. R. Playle—Crucible.****88069—C. D. Palmister—Water Elevator.****88068—C. L. Page—Money Drawer.**

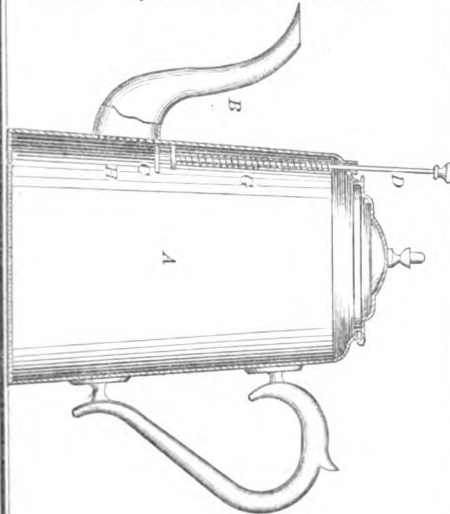
88070—B. Partello—*Bed Bottom.*



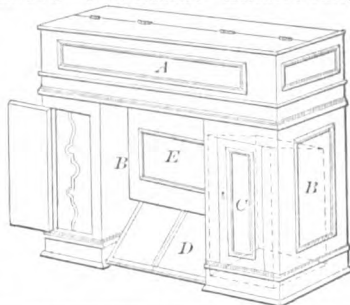
88071—H. Perry—*Fruit Gatherer.*



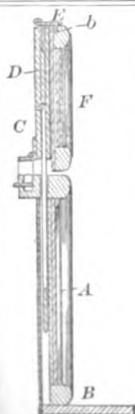
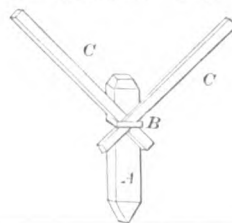
88076—Reynolds & Clark—*Tea Pot.*



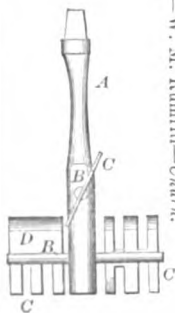
88073—G. S. Randall—*Melodeon Case.*



88074—A. Rathbun—*Grape Trellis.*

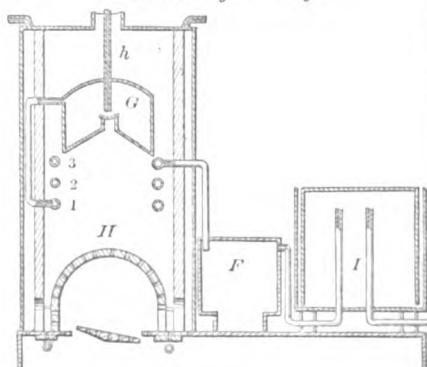


88077—L. H. Rogers—*Toilet Mirror.*



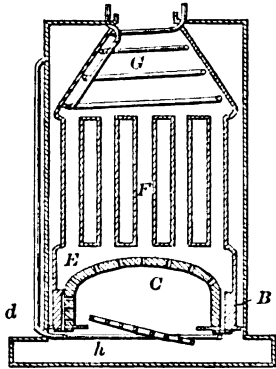
88078—W. M. Runfill—*Churn.*

88079—S. C. Salisbury—*For Generating Gas and Heating Buildings.*

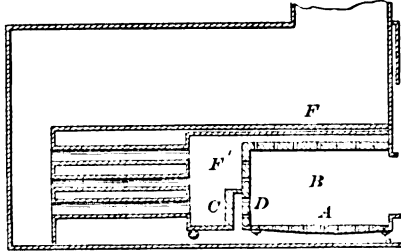




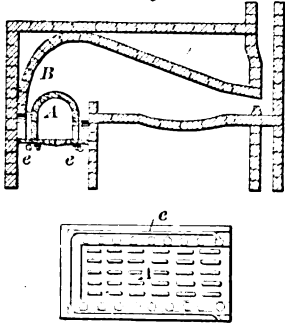
**88080**—S. C. Salisbury—*Steam Generator Furnace.*



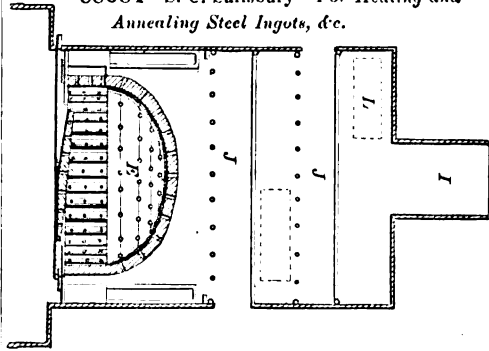
**88081**—S. C. Salisbury—*Steam Generator Furnace.*



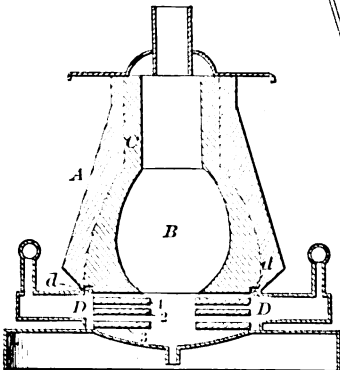
**88082**—S. C. Salisbury—*Reverberatory Furnace.*



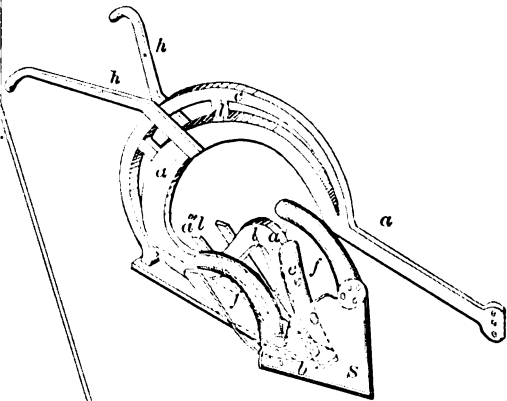
**88084**—S. C. Salisbury—*For Heating and Annealing Steel Ingots, &c.*



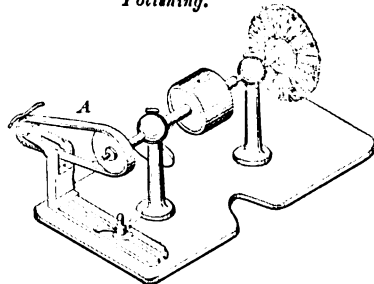
**88083**—S. C. Salisbury—*Furnace.*



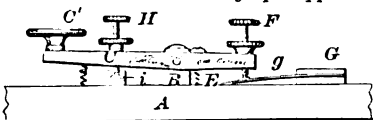
**88088**—I. Shaw—*Potato Digger.*



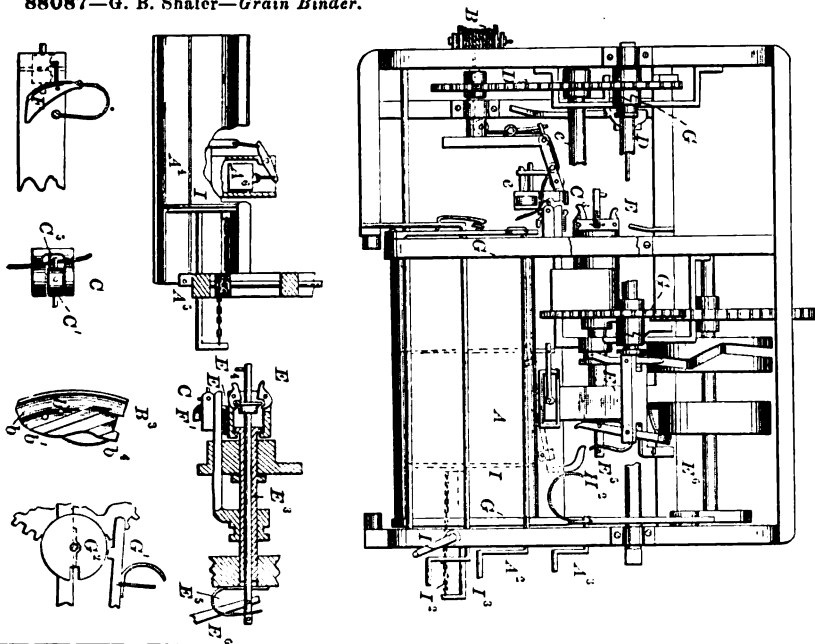
**88086**—Semple & Stephens—*For Polishing.*



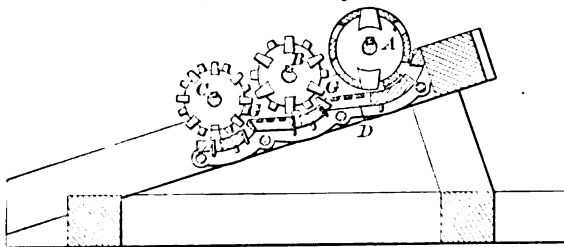
**88085**—J. E. Selden—*Telegraph Apparatus.*



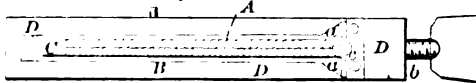
**88087**—G. B. Shafer—*Grain Binder.*



**88092**—G. B. Stacy—*For Hucking Corn Husks.*



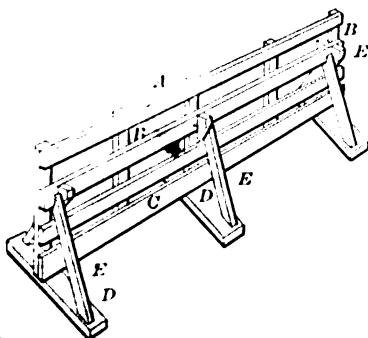
**88094**—D. H. Stephens—*Rule Clamp.*



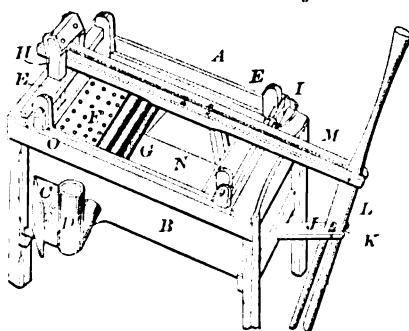
**88091**—H. A. Soliday—*For Harvesters.*

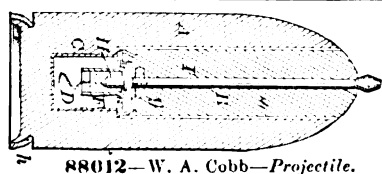
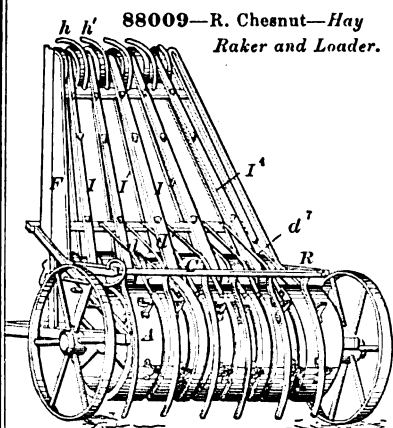


**88090**—A. Skinner—*Fence.*

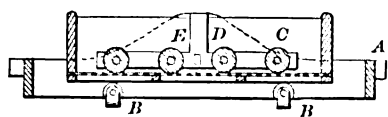


**88089**—J. P. Simmons—*Washing Machine.*

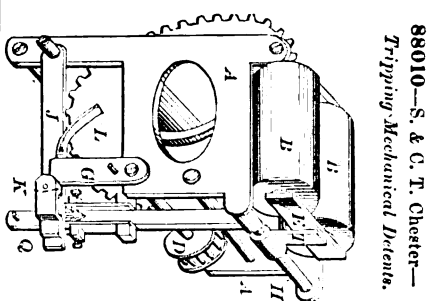
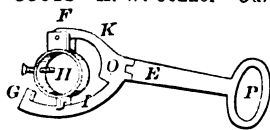




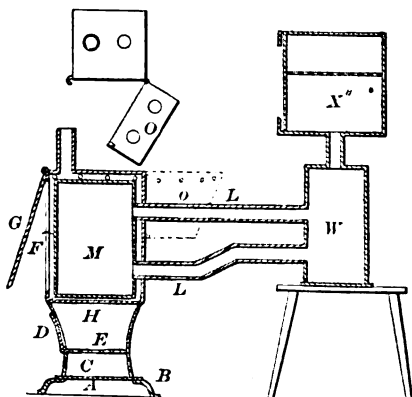
**88014—J. Coyle—Flour Sifter.**



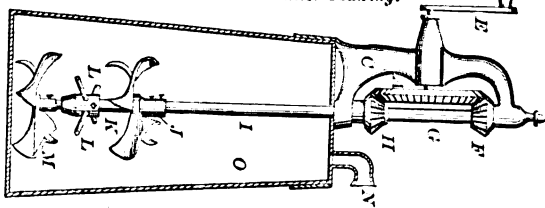
**88013—H. W. Connor—Oar.**



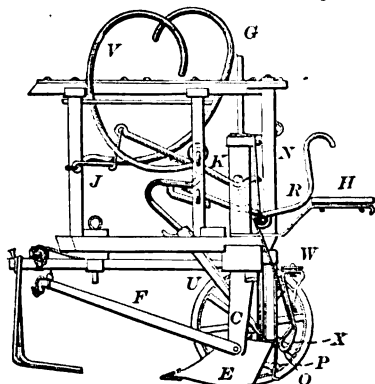
**88011—O. E. Clark—Cooking Stove.**



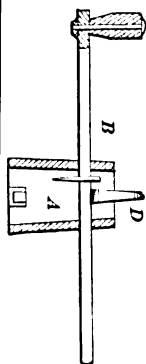
**88016—F. P. Deuel—For Butter Making.**



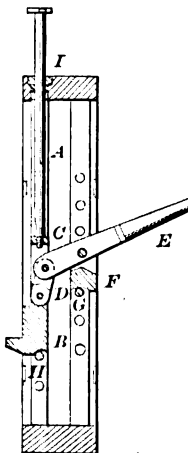
**88018—E. L. Dorsey—Road Scraper.**

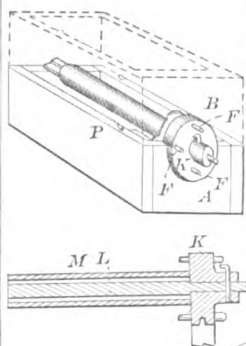
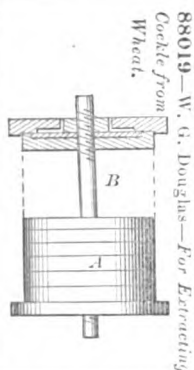


**88017—L. R. Dexter—Wrench.**

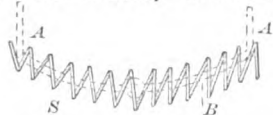


**88015—J. Dampman—Lifting Jack.**

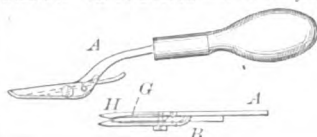




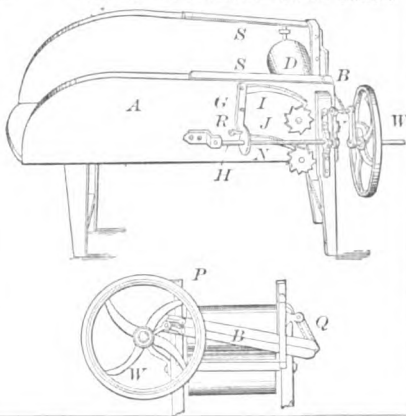
88021—A. B. Ely—Bridle Bit.



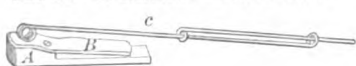
88024—M. J. Ferren—Wet Knife.



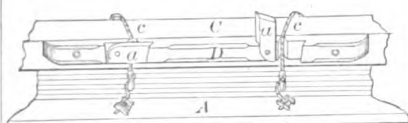
88023—S. F. Estell—Straw Cutter.



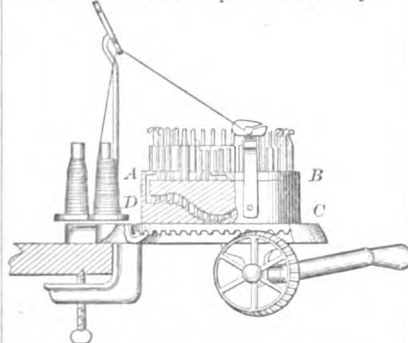
88022—F. Emmons—Book Holder.



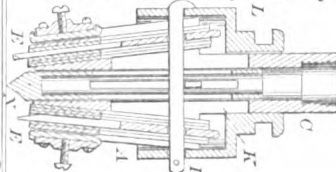
88026—C. S. H. Foster—Mackerel Latch.



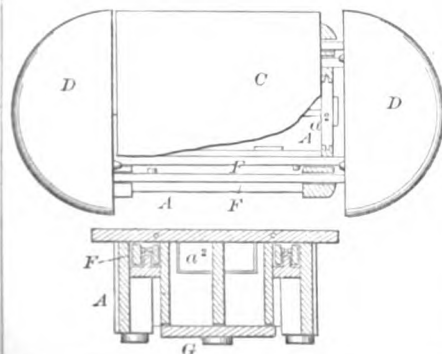
88027—Franz & Pope—For Knitting.



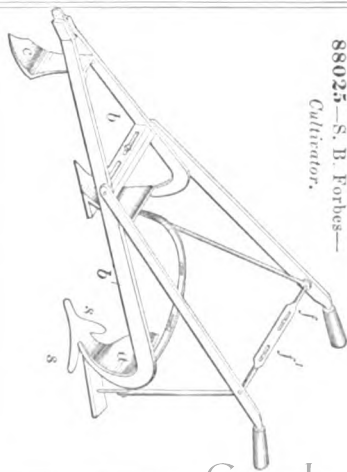
88030—B. & F. Geyler—Bung Cutter.

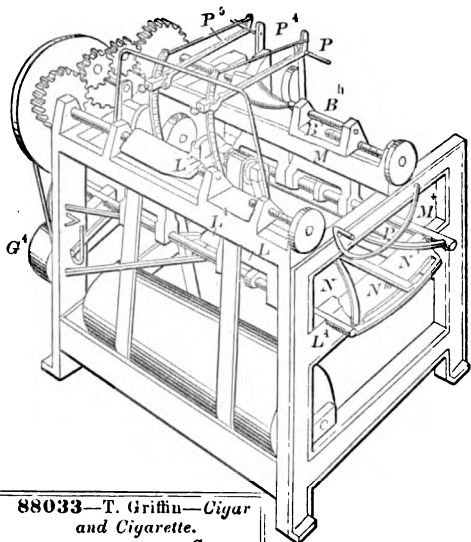
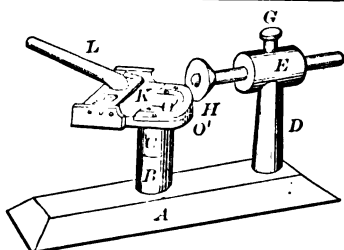
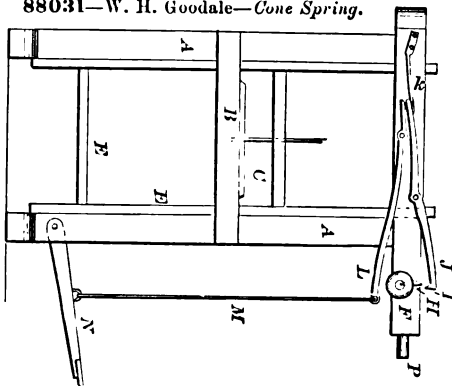
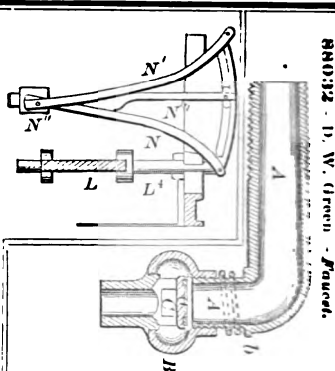
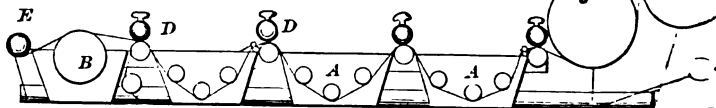
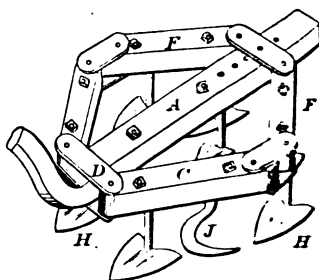
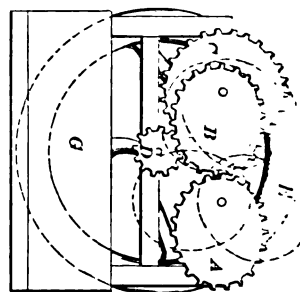
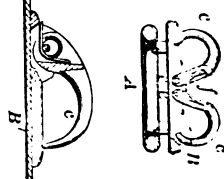
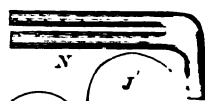


88028—L. Freeman—Table.

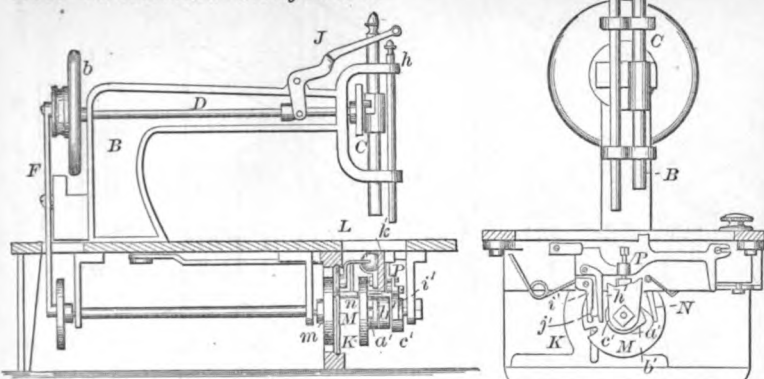


88025—S. B. Forbes—Cultivator.

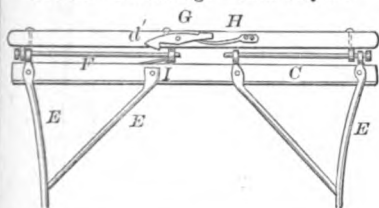


88029—R. R. Frohock—*Last Machine.*88033—T. Griffin—*Cigar and Cigarette.*88031—W. H. Goodale—*Cone Spring.*88037—L. M. Ham—*Slate Punching and Cutting Machine.*88035—S. Gwynn—*For Vegetable Membrane.*88032—D. W. Green—*Paucet.*88034—A. Grohmann—*Calculator.*88038—J. H. Harris—*Trace Carrier.*88039—H. H. Hocking—*Mechanical Movement.*

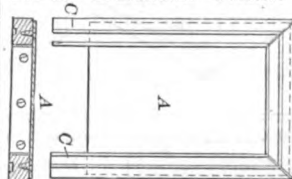
88039—M. C. Hawkins—Sewing Machine.



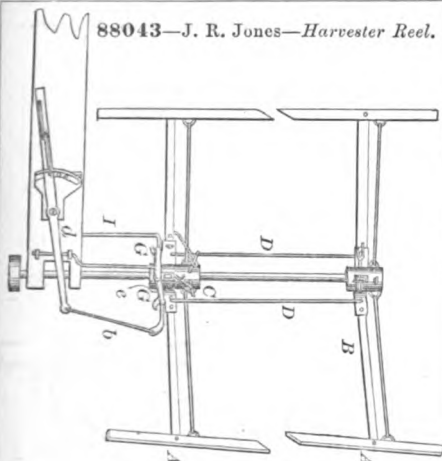
88042—S. Jennings—Thill Shifter.



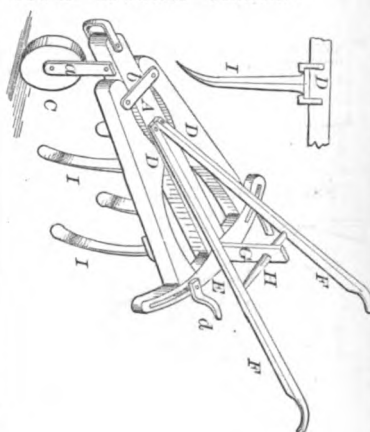
88041—E. Hutchins—Printers' Galley.



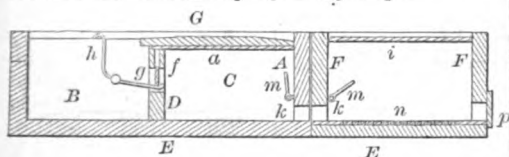
88043—J. R. Jones—Harvester Reel.



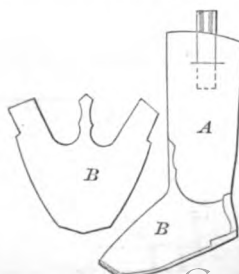
88045—H. Landes—Cultivator.



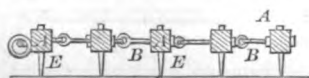
88044—J. H. & J. Kiplinger—Fly Trap.



88050—J. H. Livingston—Boot.

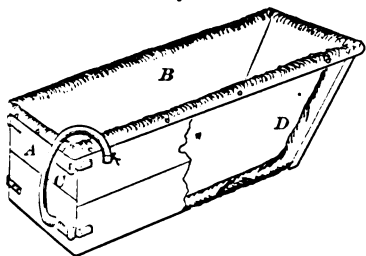


88046—Lane & Healy—Harrow.

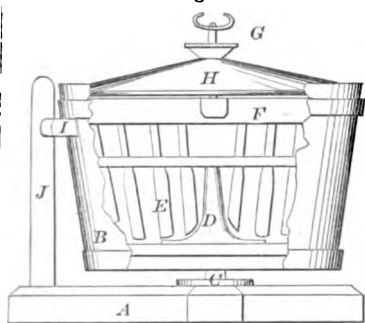




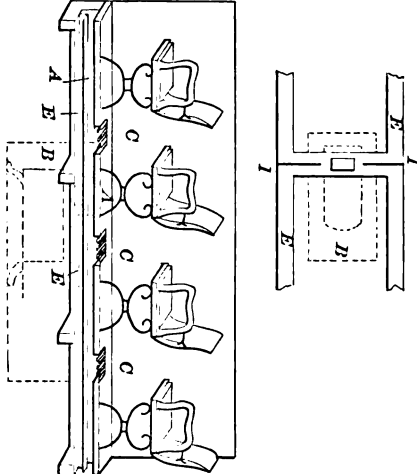
88054—R. McCully—Bath Tub.



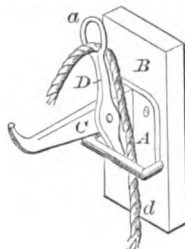
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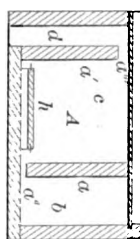
88055—F. McManus—Car Heater.



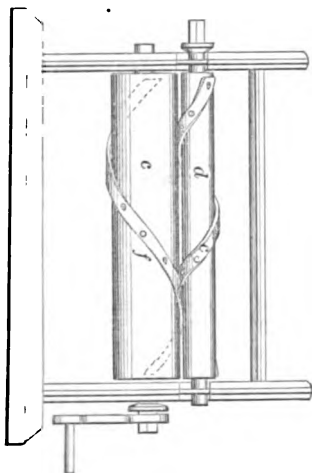
88057—  
W. A. Middleton—Coat  
Hook and Line Holder.



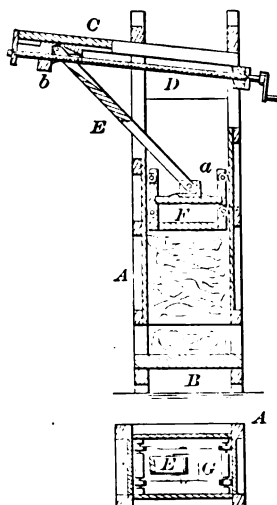
88058—P. Miller Jr.—Rice Feeder.



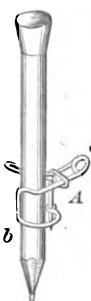
88061—S. L. Morgan—For Transmitting Rotary  
Motion.



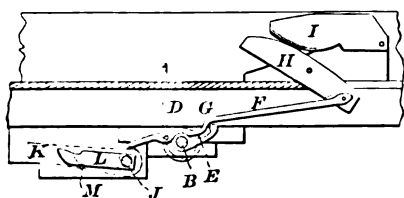
88059—C. W. Millerd—  
Cotton Press.



88060—J. L. Moore—Pencil Holder.

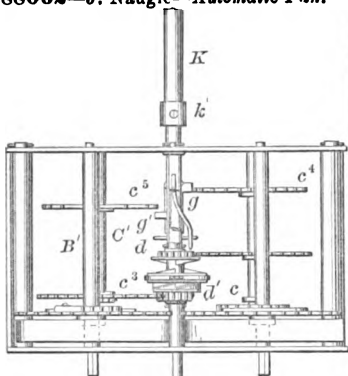


88063—I. H. Newton—For Turning Logs in Mills.

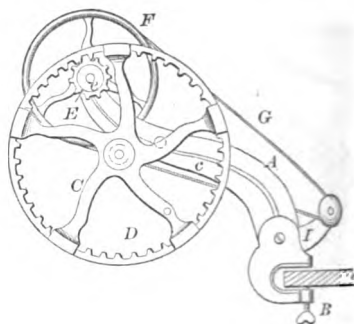




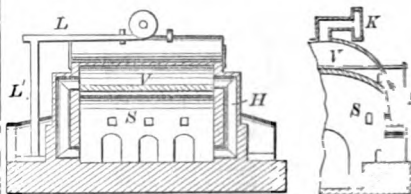
88062—J. Naugle—Automatic Fan.



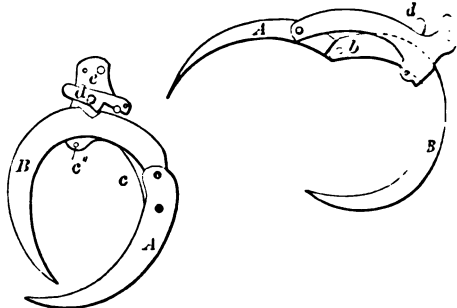
88065—F. M. Nixon—Spinning Machine.



88066—S. Oakman—Glass Furnace.



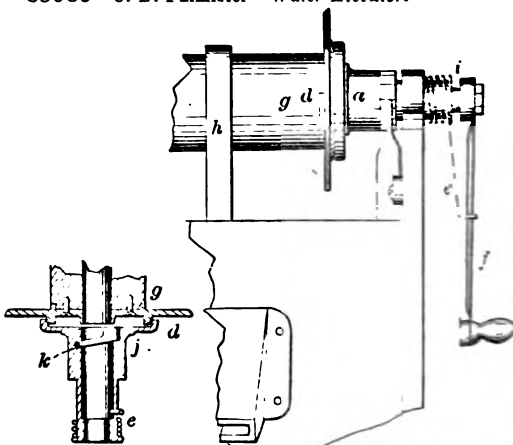
88067—O. Paddock—Horse Hay Fork.



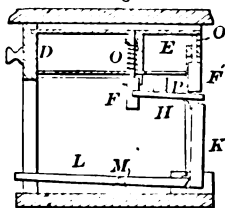
88072—E. R. Playle—Crucible.



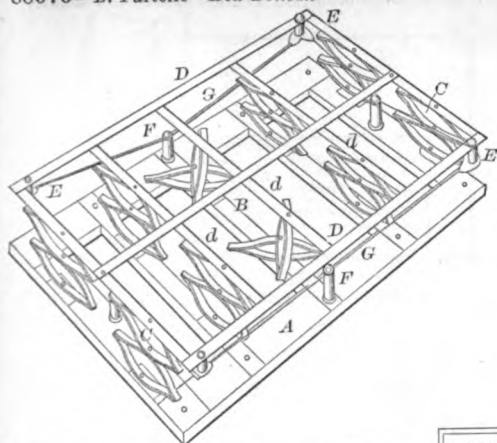
88069—C. D. Palmister—Water Elevator.



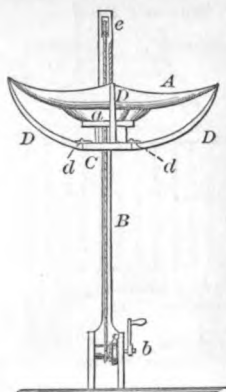
88068—C. L. Page—Money Drawer.



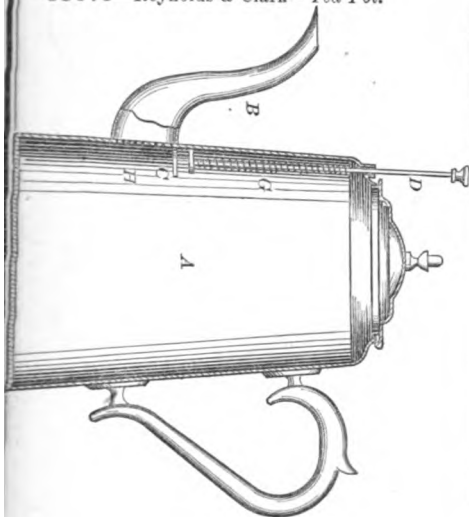
88070—B. Partello—*Bed Bottom.*



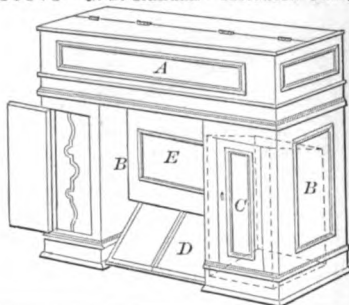
88071—H. Perry—*Fruit Gatherer.*



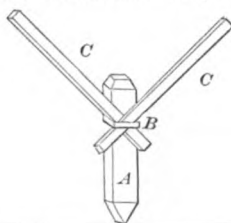
88076—Reynolds & Clark—*Tea Pot.*



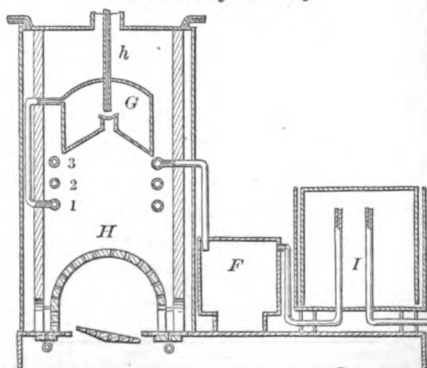
88073—G. S. Randall—*Melodeon Case.*



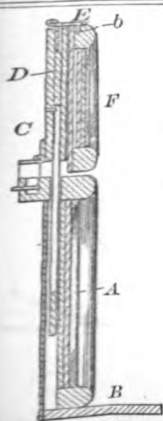
88074—A. Rathbun—*Grape Trellis.*



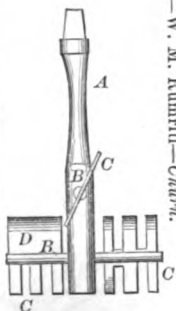
88079—S. C. Salisbury—*For Generating Gas and Heating Buildings.*



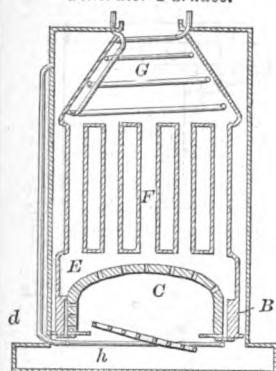
88077—L. H. Rogers—*Toilet Mirror.*



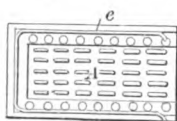
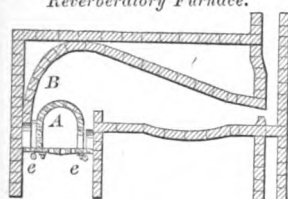
88078—W. M. Rumrill—*Chair.*



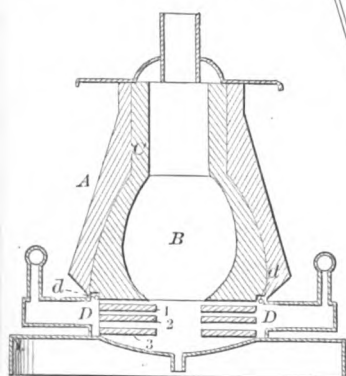
**88080**—S. C. Salisbury—*Steam Generator Furnace.*



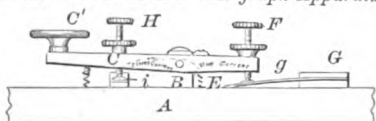
**88082**—S. C. Salisbury—*Reverberatory Furnace.*



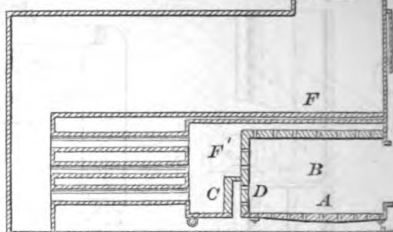
**88083**—S. C. Salisbury—*Furnace.*



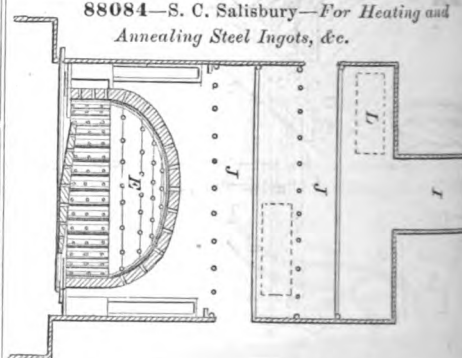
**88085**—J. E. Selden—*Telegraph Apparatus.*



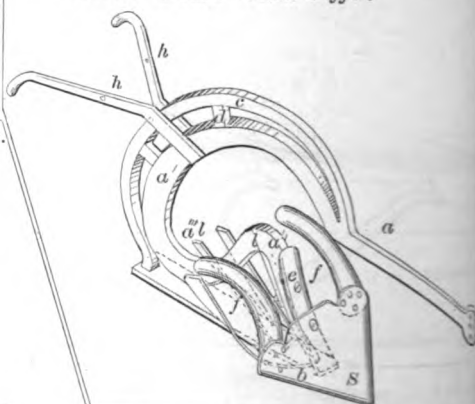
**88081**—S. C. Salisbury—*Steam Generator Furnace.*



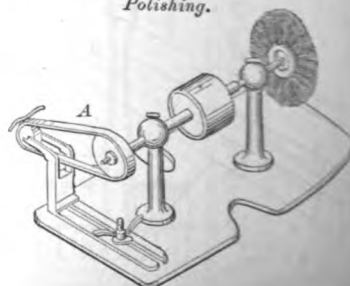
**88084**—S. C. Salisbury—*For Heating and Annealing Steel Ingots, &c.*



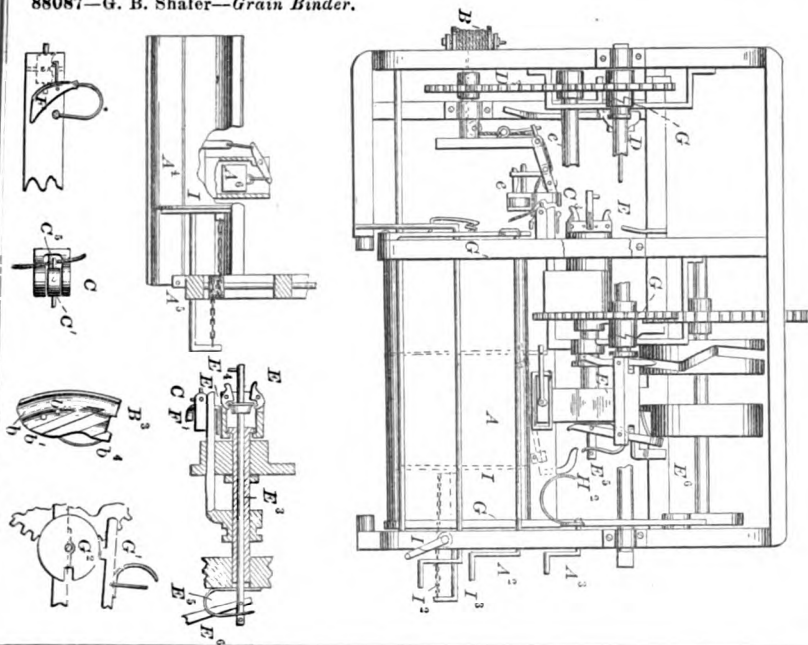
**88088**—I. Shaw—*Potato Digger.*



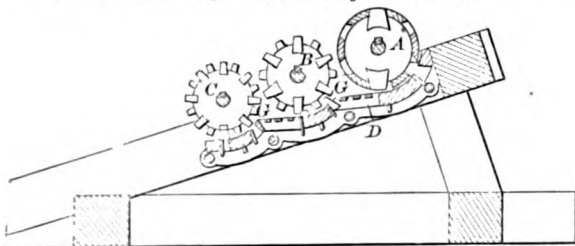
**88086**—Sample & Stephens—*For Polishing.*



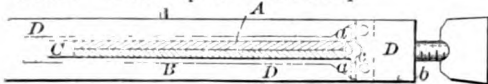
88087—G. B. Shafer—Grain Binder.



88092—G. B. Stacy—For Hackling Corn Husks.



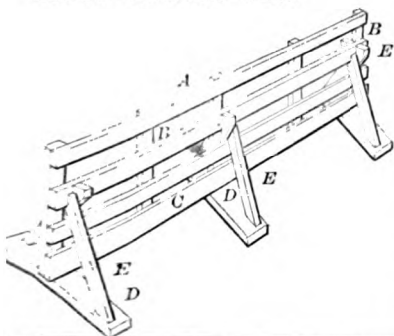
88094—D. H. Stephens—Rule Clamp.



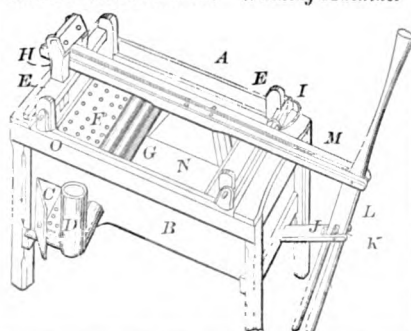
88091—H. A. Soliday—For Horreators.

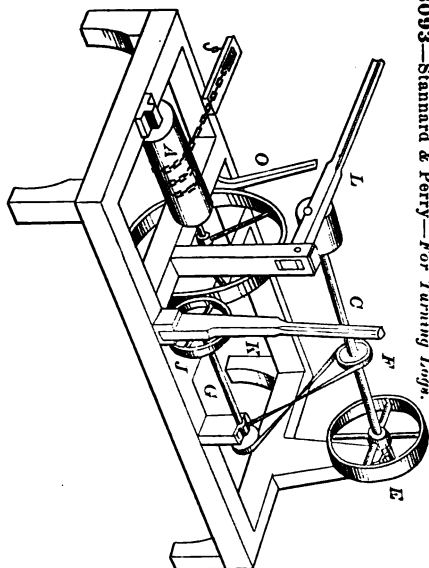


88090—A. Skinner—Fence.



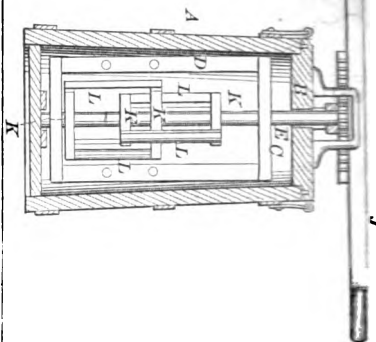
88089—J. P. Simmons—Washing Machine.



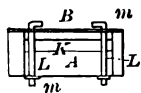
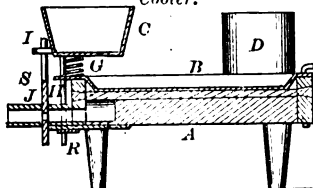


88093—Stannard &amp; Perry—For Turning logs.

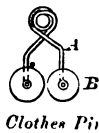
88095—J. H. Stephens—Churn.



88096—J. C. Thayer—Milk Cooler.

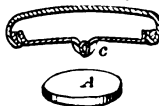


88097—C. N. Tyler—

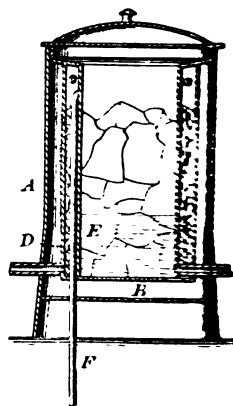


Clothes Pin.

88099—W. W. Wade—Button.



88098—J. Van Duser—Double Cooler.



88100—W. B. Wadsworth—Chain Manufacture.

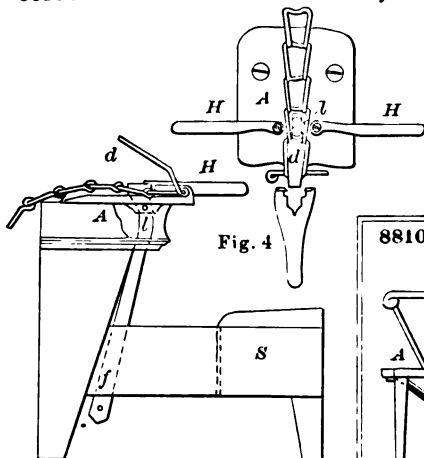
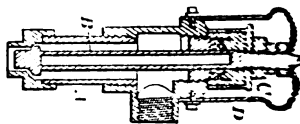
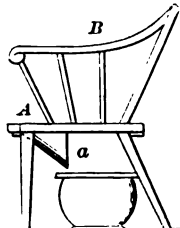


Fig. 4

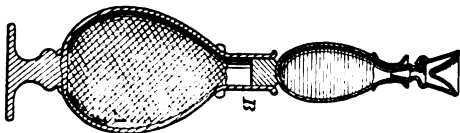
88103—J. E. Watts—Steam Trap.



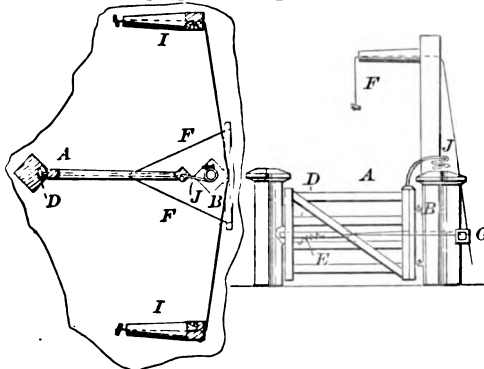
88104—G. Wells—Conduit for Invalid Chairs.



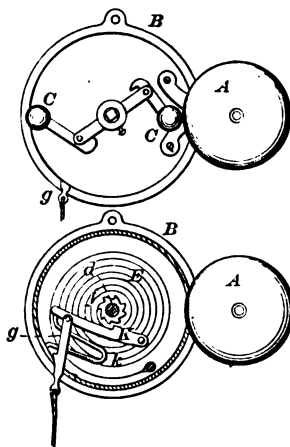
88105—H. Whitney—*Show Bottle*.



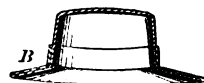
88108—Wolfgang & Kenreigh—*Gate*.



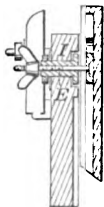
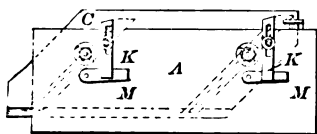
88106—C. Wiley—*Alarm Bell*.



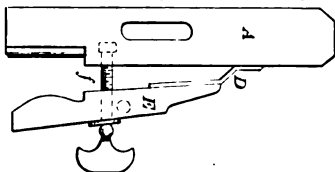
88107—D. Wilcox—*Hat*.



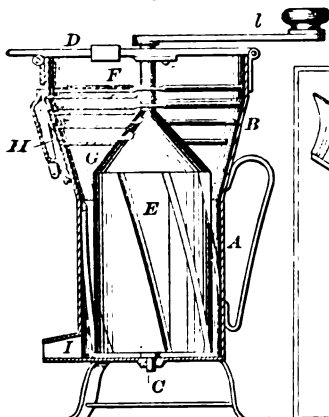
88109—J. Woodville—*Plane Guide*.



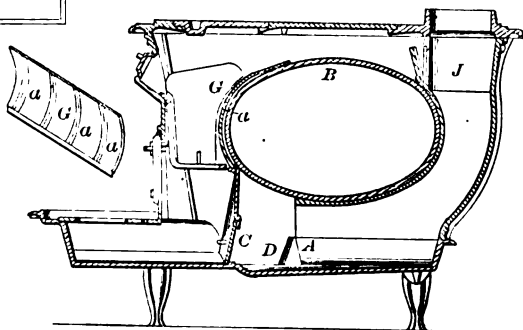
88110—J. Young—*Clothes Wringer*.



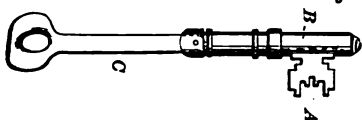
88111—W. Zeiger—*Potato Masher*.



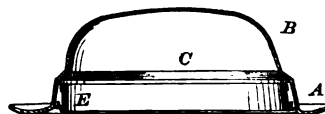
88112—J. J. Anderson—*Stove*.



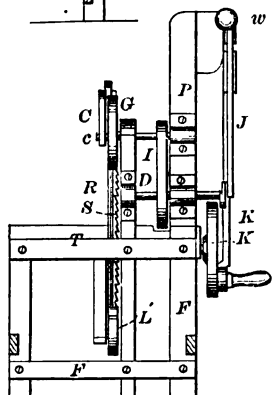
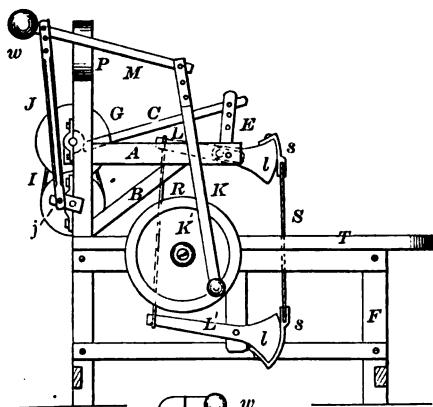
88113—W. H. Andrews—*Door Key*.



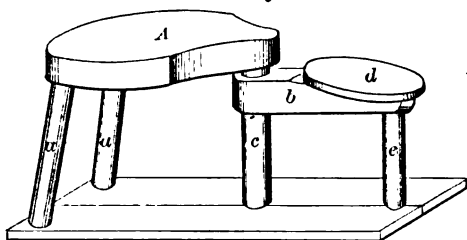
88116—J. P. Beatty—*Hat*.



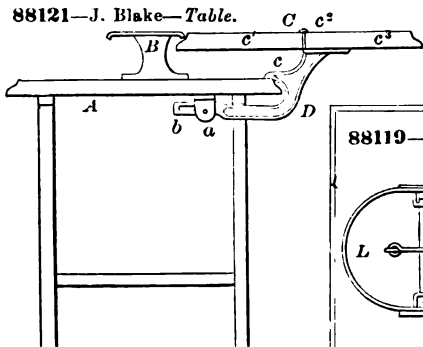
88114—I. B. Arthur—Gig Saw.



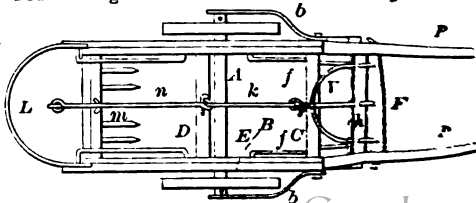
88115—I. Barrows—Milking Stool.



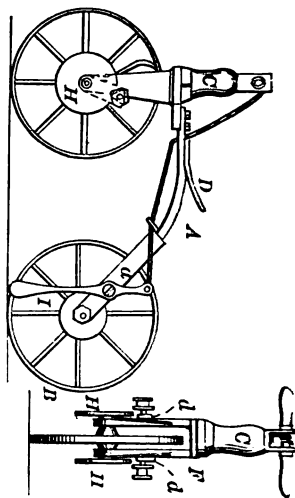
88121—J. Blake—Table.



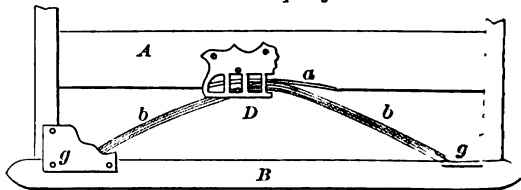
88119—Bigler &amp; McCracken—For Cleaning Station



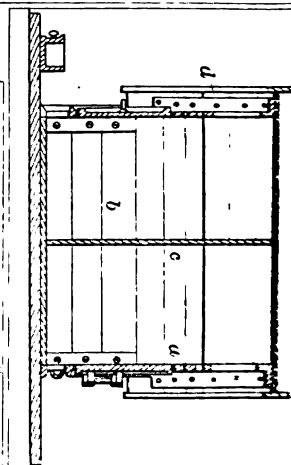
88120—J. H. Blair—Vertical Jack.



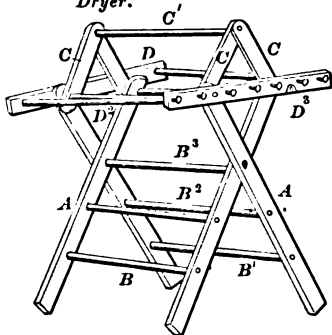
88117—E. U. Benedict—Spring.



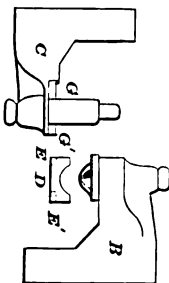
88116—M. R. Hunt—Folding Camp.



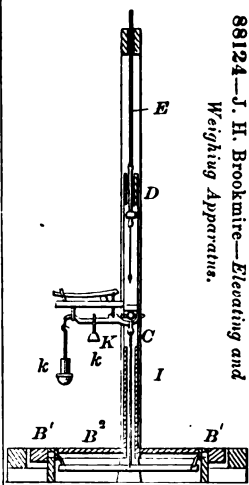
88123—R. H. Boughner—Clothes  
Dryer.



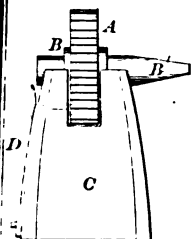
88122—Boileau & Mesnier—Hinge.



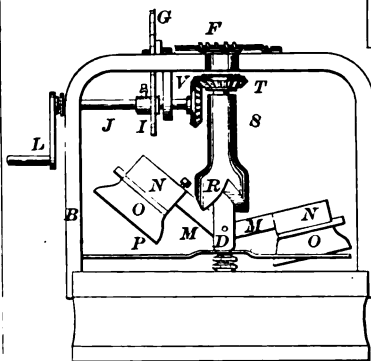
88124—J. H. Brookmire—Electing and  
Weighing Apparatus.



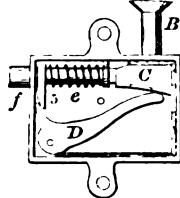
88125—  
G. W. Brown—  
Sawge.



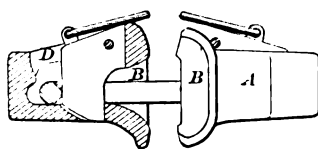
88126—C. N. Brumm—Meat Chopper.



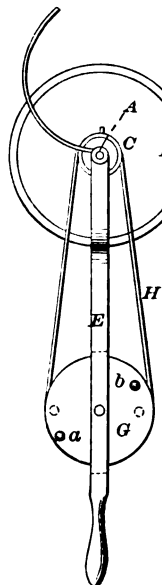
88129—  
L. O. Cameron—  
Sash Lock and Bolt.



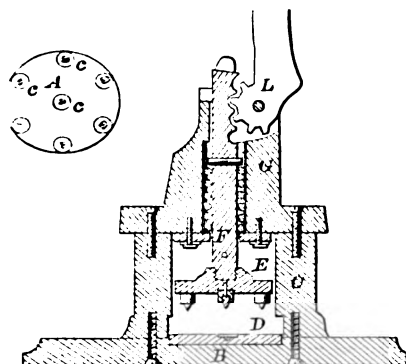
88130—Campion & Thomson—  
Car Coupling.



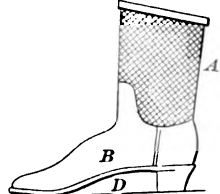
88127—R. I. Burbank—Hay Rake.



88128—R. Cadle—Blucking Box.

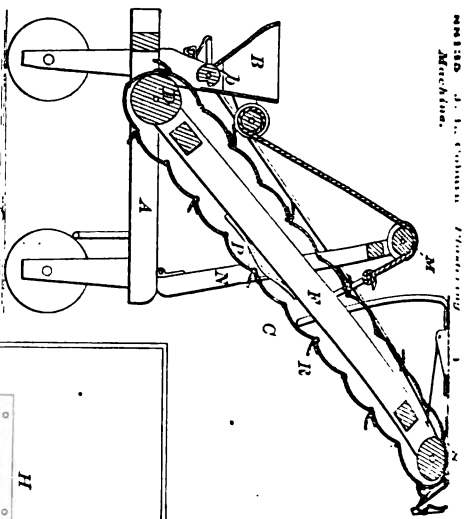


88131—M. F. Chandler—  
Boot.

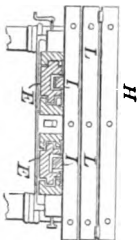
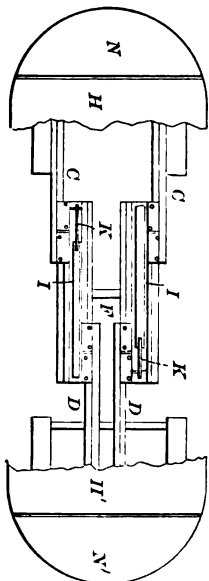




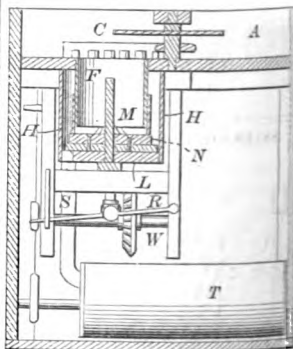
88132—J. L. Colman—*Pruning Machine.*



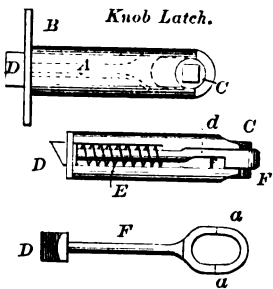
88132—G. Chelini—*Table.*



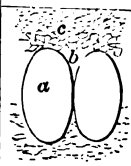
88137—J. Cornwell—*Bolt Feeder.*



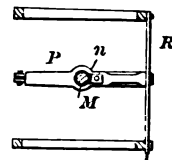
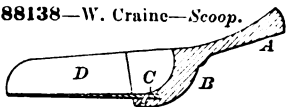
88133—A. B. Clemons—*Knob Latch.*



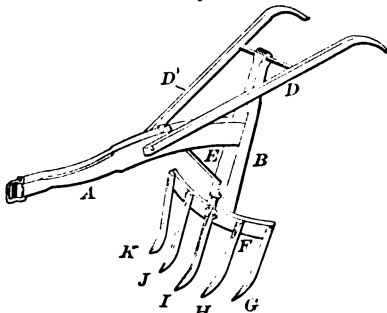
88139—J. P. Cranford—*Paement.*



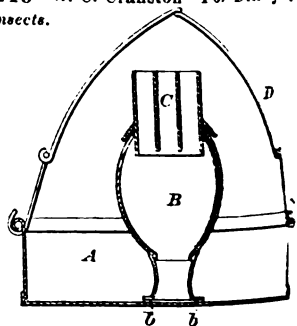
88138—W. Craine—*Scoop.*



88136—A. Connelley—*Cultivator.*

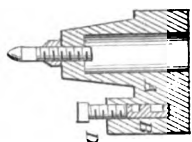


88140—G. C. Cranston—*For Destroying Insects.*

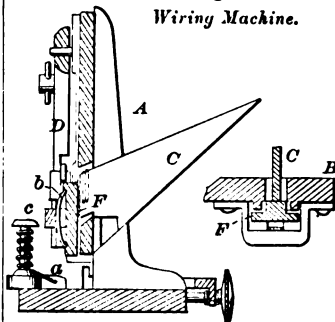
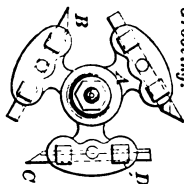




88141—S. B. Cushing—For Press.

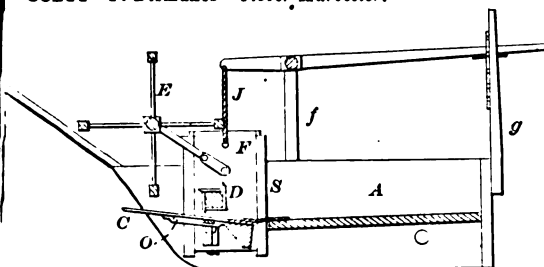


88143—D. C. Devall—Cutter for  
Tonguing and Grooving.

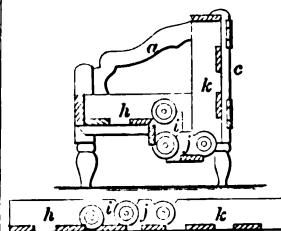


88145—W. F. Dodge—Blind  
Wiring Machine.

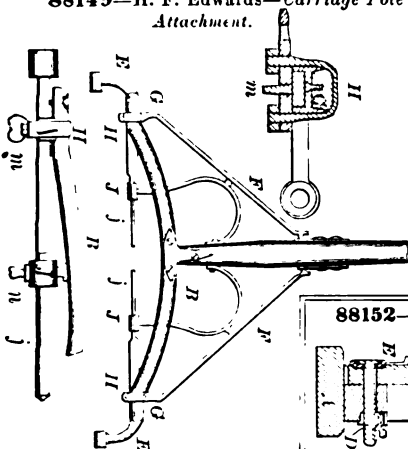
88144—P. Dismukes—Clover Harvester.



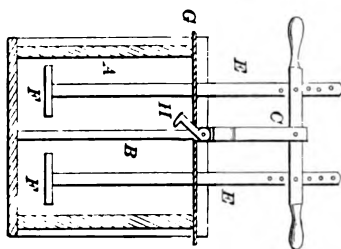
88146—J. Dourson—Sofa  
Bedstead.



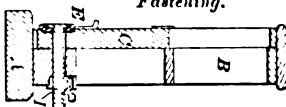
88149—H. F. Edwards—Carriage Pole  
Attachment.



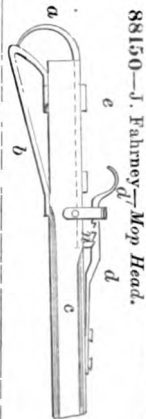
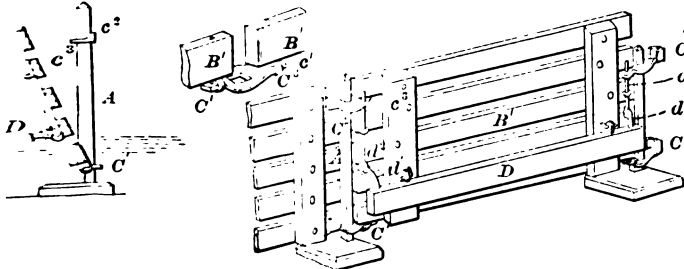
88148—S. D. Edgar—Churn.



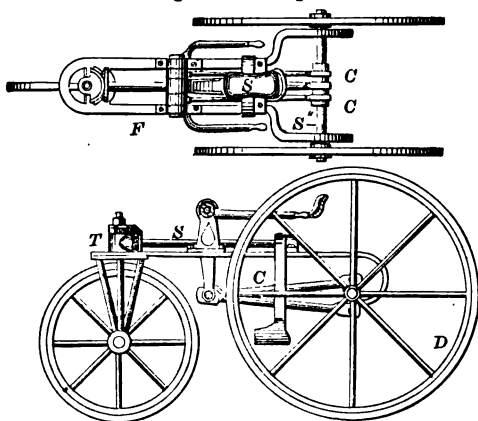
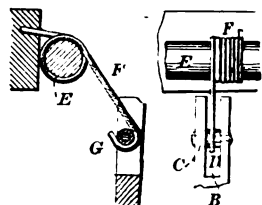
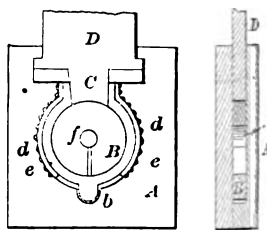
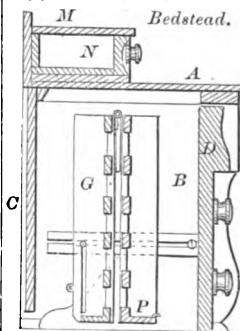
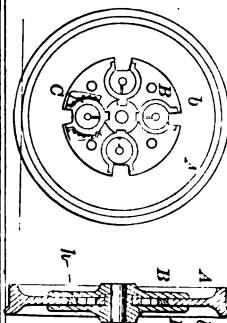
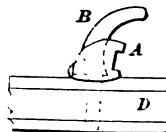
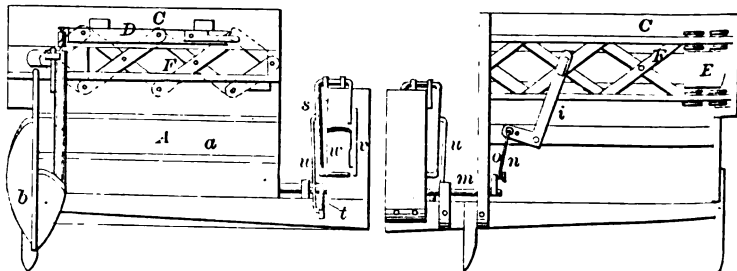
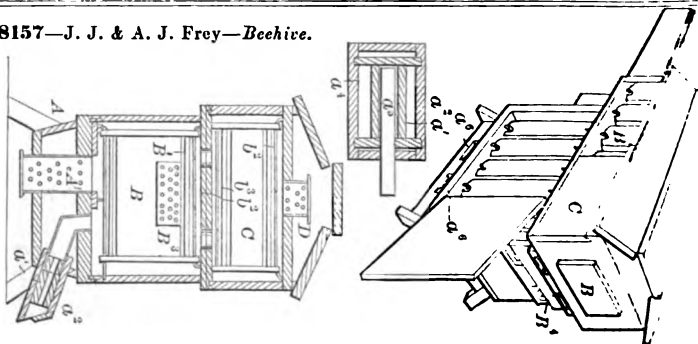
88152—W. C. Fisher—Shutter  
Fastening.



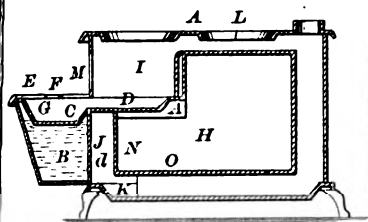
88147—Dowden & Anderson—Flood Fence.



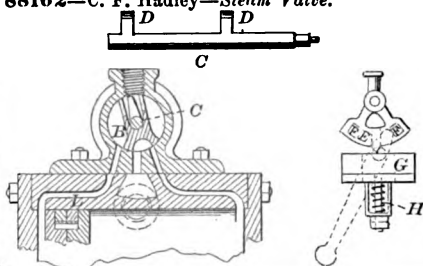
88150—J. Fahmy—Mop Head.

88151—H. J. Ferguson—*Velocipede.*88153—M. Flanigan—*Spring Bed Bottom.*88155—A. C. Fletcher—*Car Spring.*88158—M. B. Goodell—*Bedstead.*88154—A. C. Fletcher—*Car Wheel.*88159—D. A. Gorham—*Holdback.*88156—J. S. Fowler—*Harvester Rake.*88157—J. J. & A. J. Frey—*Beehive.*

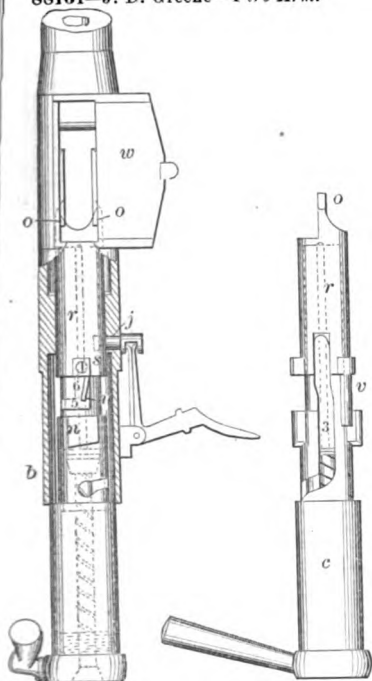
88160—C. O. Greene—*Stove.*



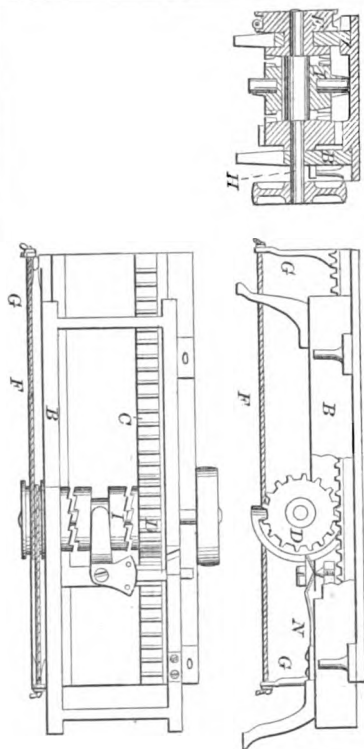
88162—C. F. Hadley—*Steam Valve.*



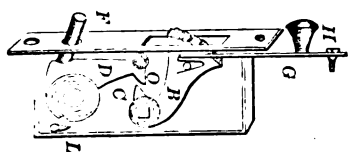
88161—J. D. Greene—*Fire Arm.*



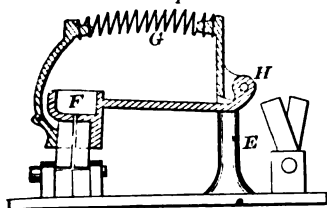
88163—C. F. Hadley—*For Converting Motion.*



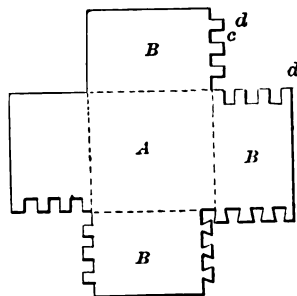
88164—J. W. Mansel—*Sash Holder.*



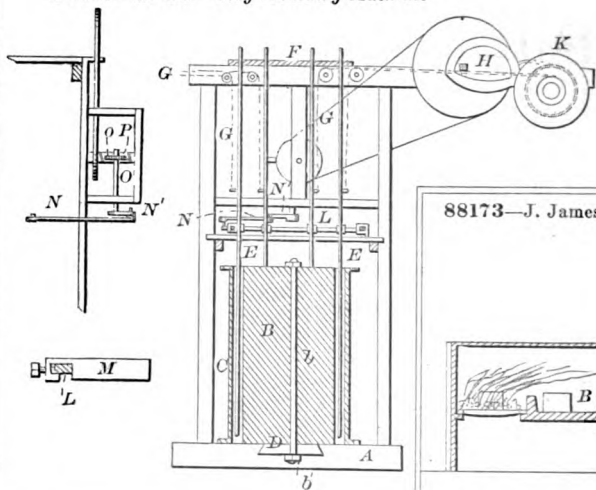
88167—D. Hodgkins—*Knife Scourer and Sharpener.*



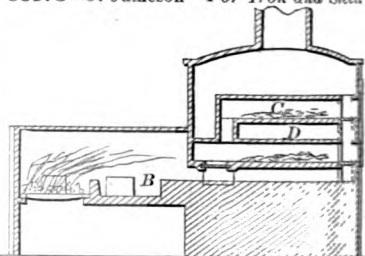
88165—A. B. Hendryx—*Paper Box.*



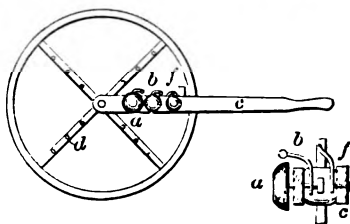
88166—R. Hill—Clay Moulding Machine.



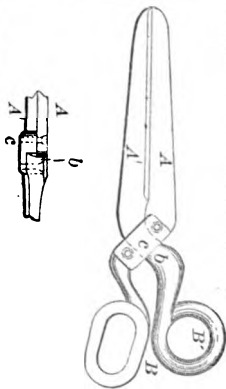
88173—J. Jameson—For Iron and Steel.



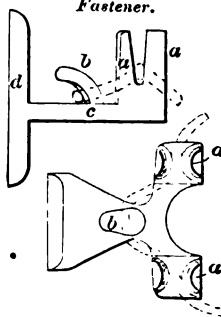
88174—C. C. Johnson—Toy Hoop.



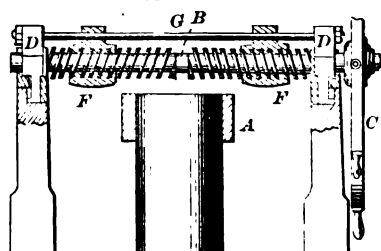
88172—P. N. Jacobus—Shears.



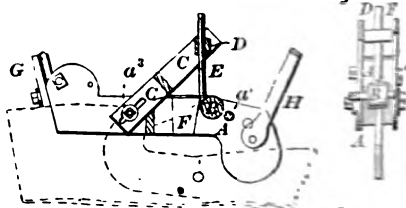
88175—Johnson, Smith &amp; Ingersoll—Clothes Line Fastener.



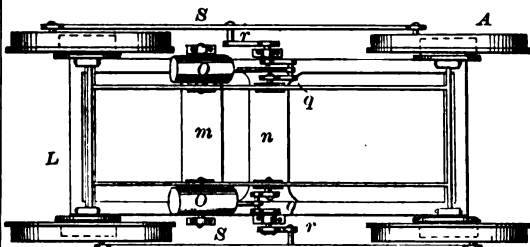
88170—P. H. Jackson—Steering Apparatus.



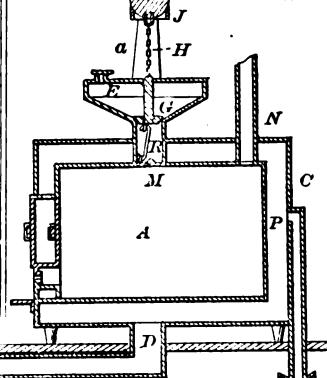
88177—N. Johnson—Saw Sledge.



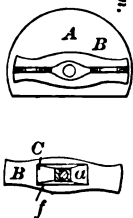
88178—W. J. Johnson—Locomotive Drive Wheel.



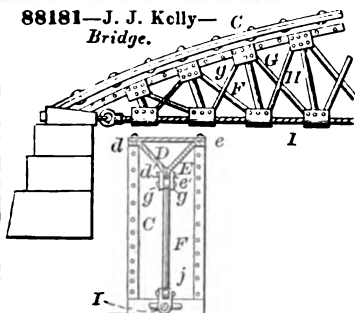
88183—Koontz, Potts & Lewis—Car Heater.



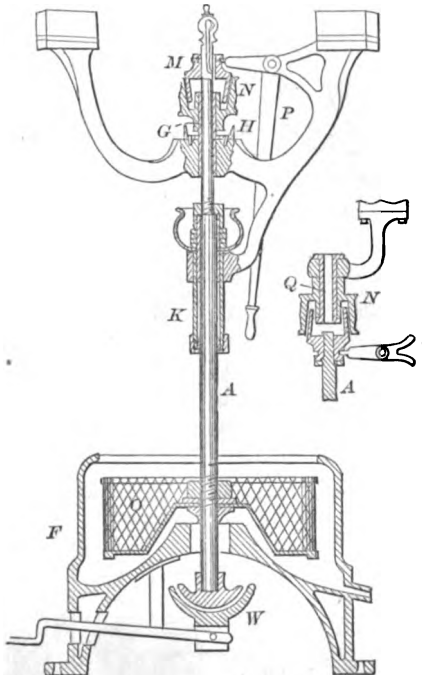
88186—Lincoln & Hubbard—Door Button.



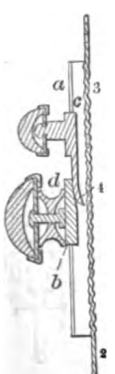
88181—J. J. Kelly—Bridge.



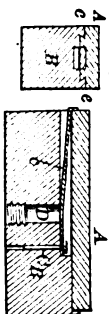
88184—H. W. & R. Lafferty—Draining Machine.

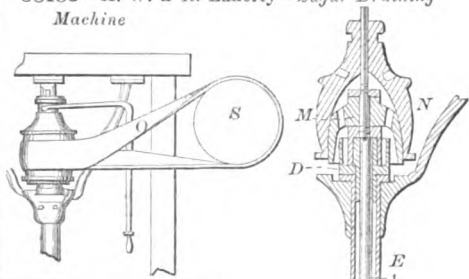
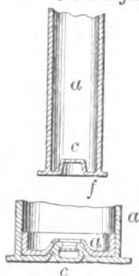
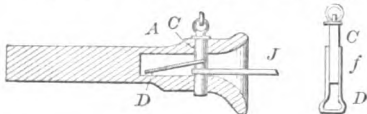
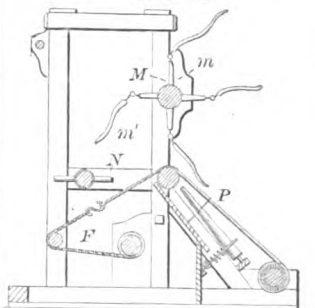
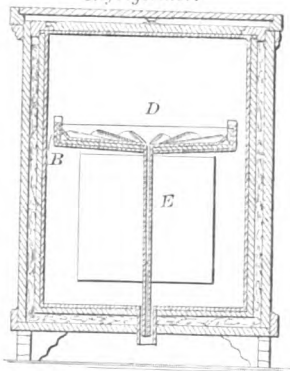
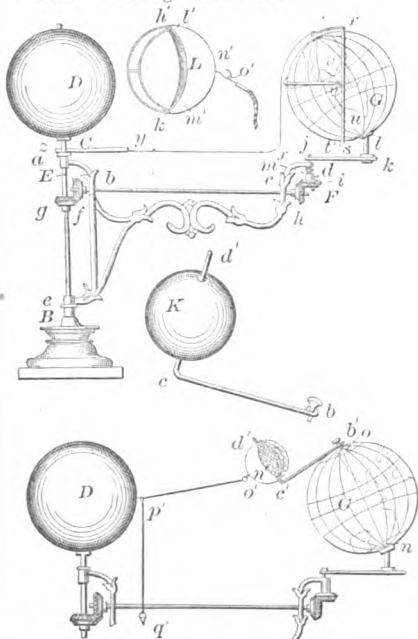
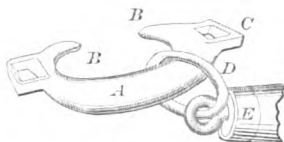
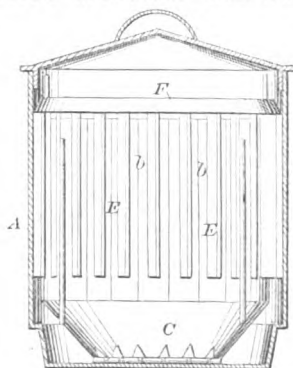


88179—H. L. Judd—Curtain Picture.

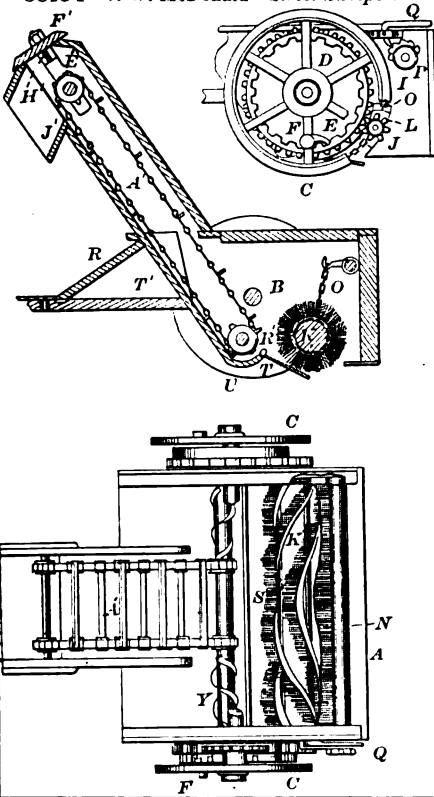


88180—A. N. Kellogg—Block for Holding Stereotype Plates.

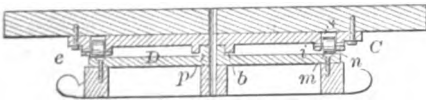


88185—H. W. & R. Lafferty—*Sugar Draining Machine*88191—E. Martin—*Cartridge.*88189—I. V. & W. J. Lynn—*Car Coupling.*88188—T. Luke—*Carpet Cleaning Machine.*88190—Mace & Gwyer—*Refrigerator.*88187—M. Long—*Tellurium.*88192—J. H. Martin—*Breast Strap Slide.*88193—A. McDaniel—*Wash Boiler.*

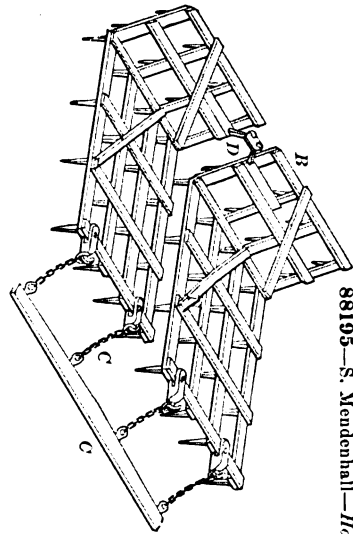
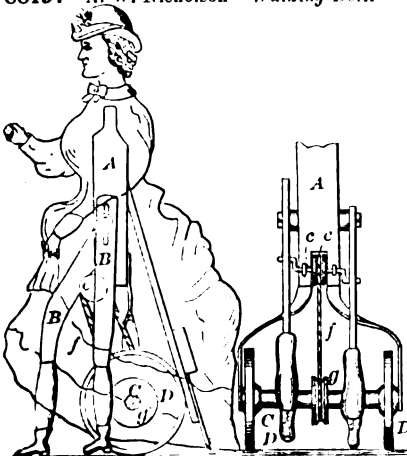
88194—J. W. McDonald—Street Sweeper.



88196—W. Munson—Fifth Wheel.

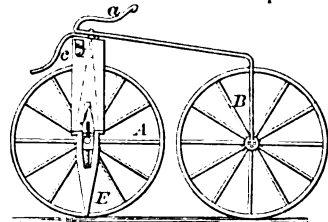


88197—A. W. Nicholson—Walking Doll.

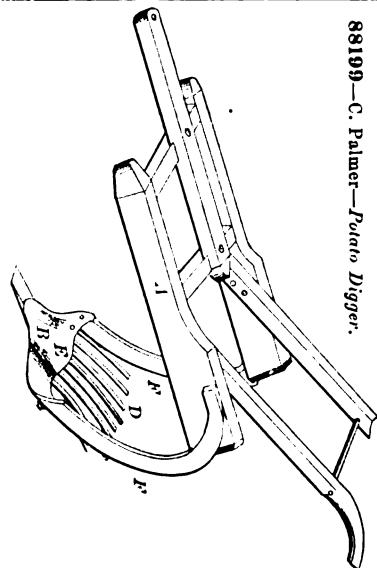


88195—S. Mendenhall—Harrow.

88198—W. L. Paine—Velocipede.

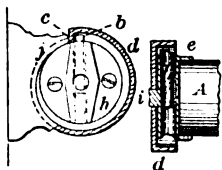


88199—C. Palmer—Potato Digger.

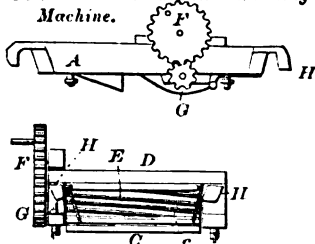




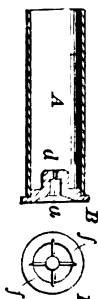
**88200**—I. E. Palmer—*Roller Stop for Window Shades.*



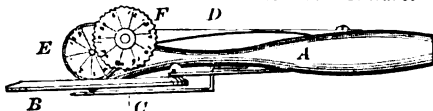
**88201**—F. D. Paradis—*Washing Machine.*



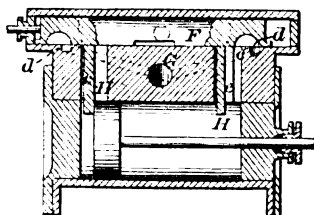
**88202**—W. F. Parker—*Cartridge.*



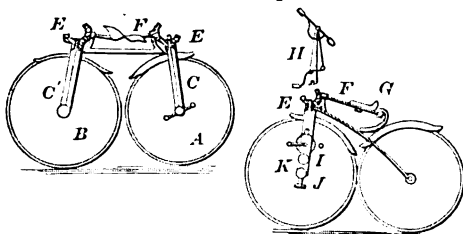
**88203**—Pease & Richards—*Lumber Measure.*



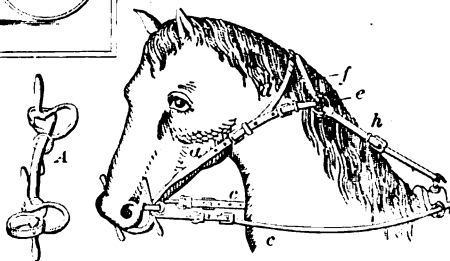
**88204**—H. F. Pease—*Operating Steam Engine Valves.*



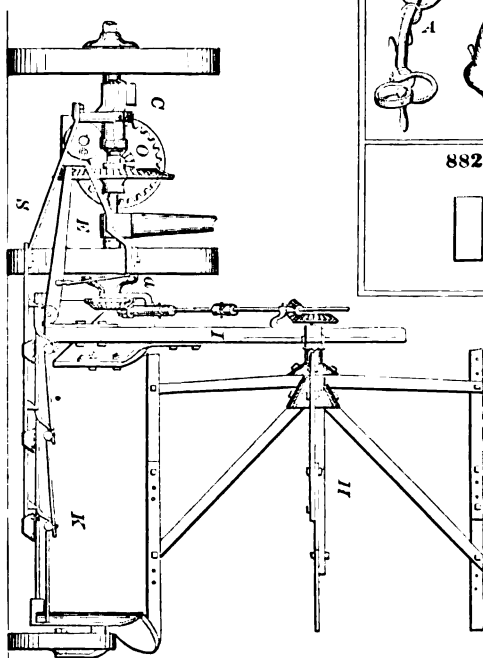
**88205**—R. H. Plass—*Velocipede.*



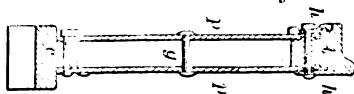
**88210**—J. V. Reardon—*Bridle.*



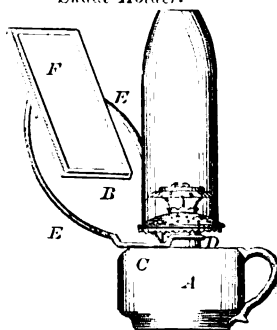
**88209**—A. Rank—*Harvester.*



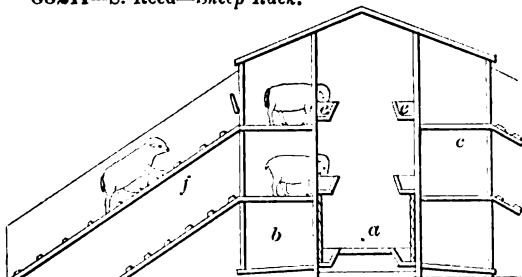
**88207**—Rae & Miller—*Railway Wheel.*



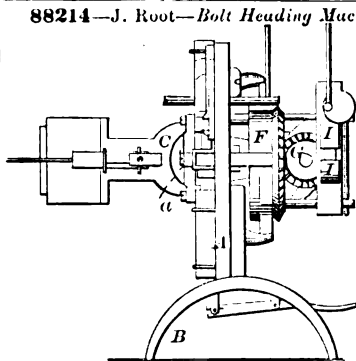
**88206**—J. T. Pope—*Lamp Shade Holder.*



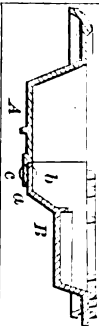
88211—S. Reed—Sheep Rack.



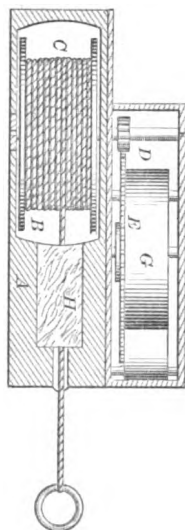
88214—J. Root—Bolt Heading Machine.



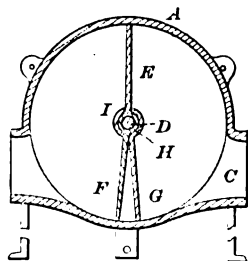
88213—J. H. Roeker—Grate.



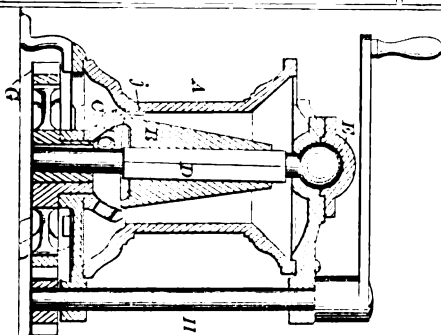
88212—J. E. Richardson—Chalk Line Spool.



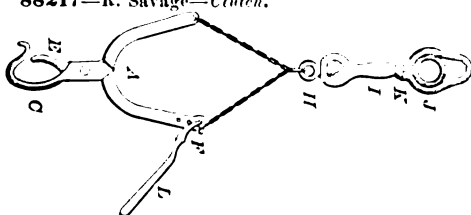
88215—S. P. Rugles—Meter.



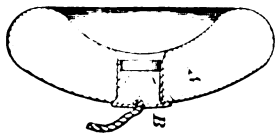
88216—J. W. Butler—Crushing and Grinding Machine.



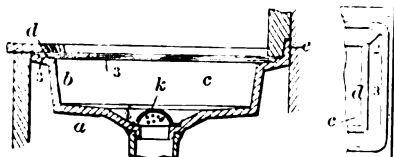
88217—R. Savage—Clutch.



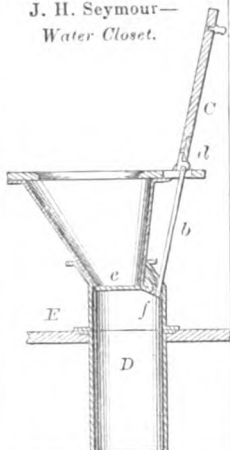
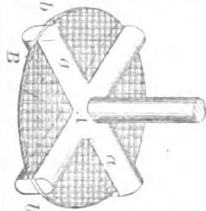
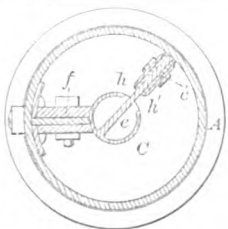
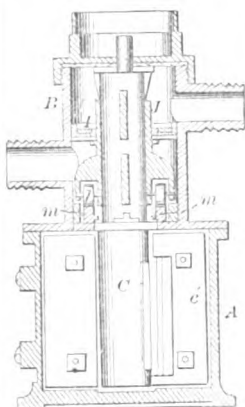
88218—E. O. Schartan—For Evaporating Medicine in Treating Diseases.



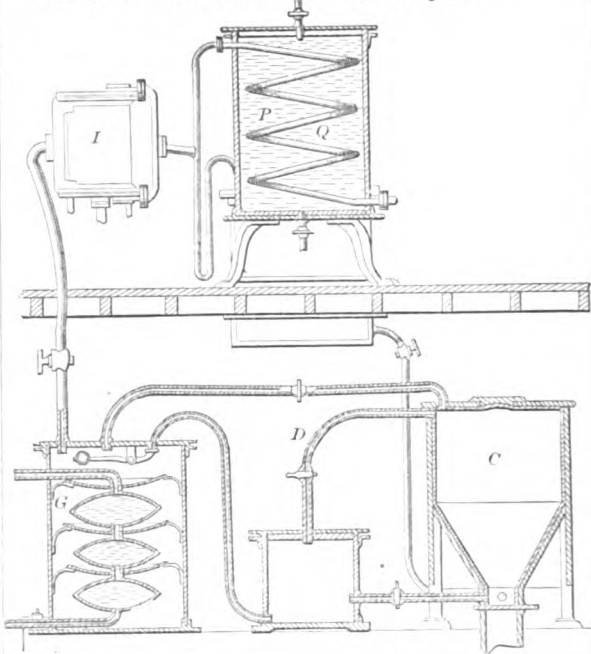
88219—Seaman & Banta—Sink.



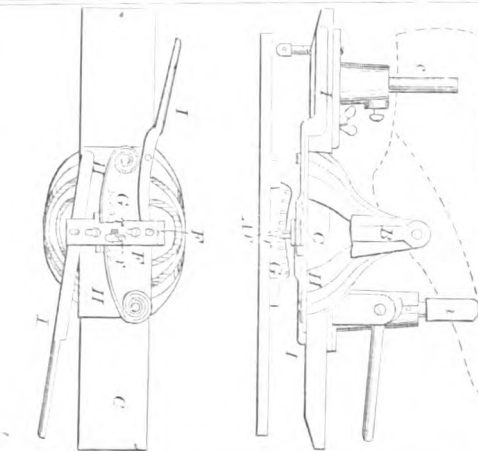
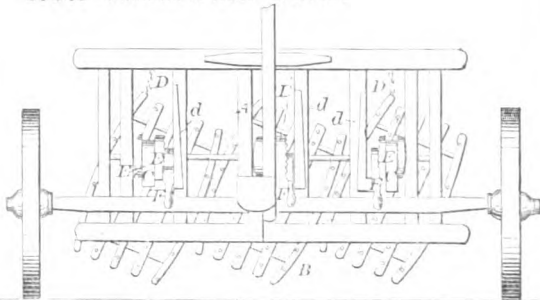
88220—

J. H. Seymour—  
Water Closet.88226—Sperry &  
Hopson—Churn Dasher.88221—G. Sickels—  
Water Meter.

88222—Sim &amp; Hutchinson—For Extracting Oil.



88225—Snowlin &amp; Kent—Harrow.

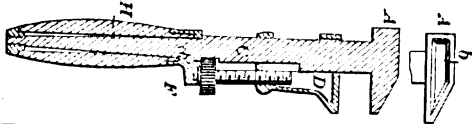


88227—M. J. Stein—Post Holder.

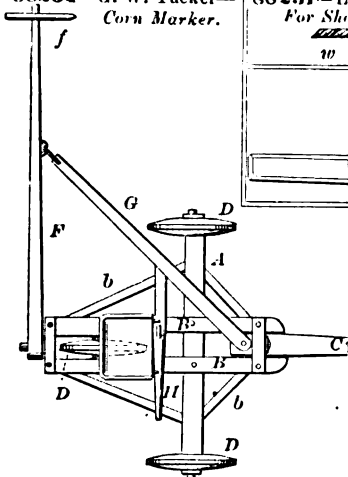
**88229**—L. R. Streeter—  
*Dentists' Flask.*



**88230**—G. C. Taft—*Wrench.*



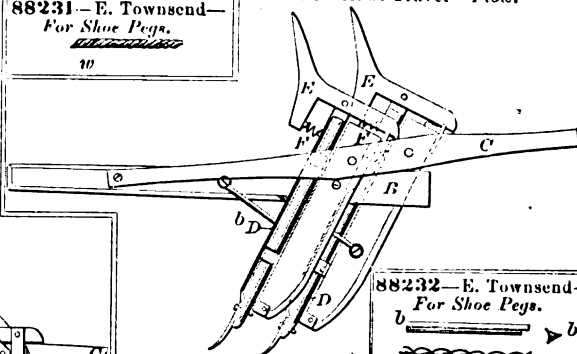
**88234**—G. W. Tucker—  
*Corn Marker.*



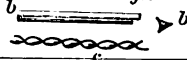
**88231**—E. Townsend—  
*For Shoe Pegs.*

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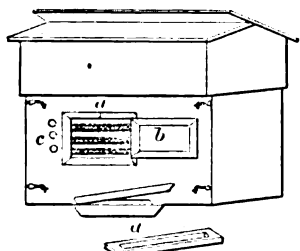
**88233**—A. J. Traver—*Plow.*



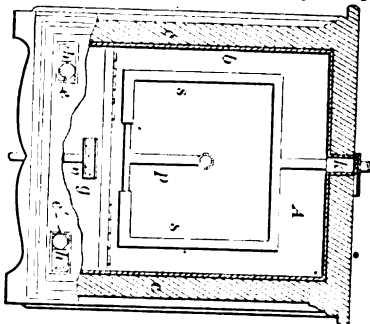
**88232**—E. Townsend—  
*For Shoe Pegs.*



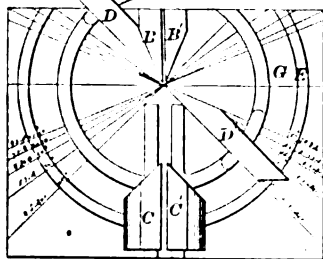
**88235**—G. W. Umbaugh—*Beehive.*



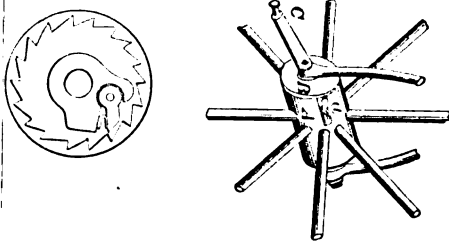
**88237**—O. Vallandigham—*Cigar Dryer.*



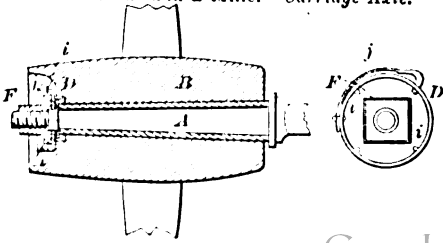
**88236**—C. H. Underwood—*Mitre Box.*



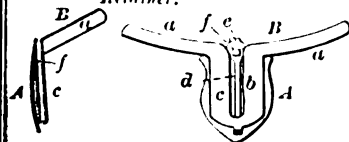
**88238**—W. Van Anden—*Velocipede.*



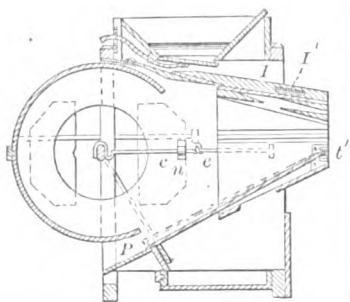
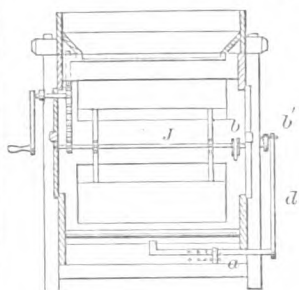
**88240**—Volkman & Miller—*Carriage Axle.*



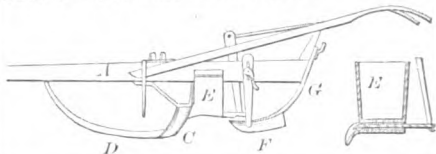
**88239**—J. Varley—*Neck Tie Retainer.*



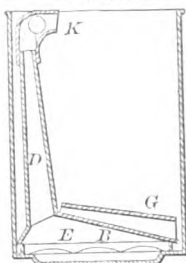
88241—W. W. Wait—Fanning Mill.



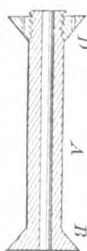
88244—J. P. Ware—Corn Planter.



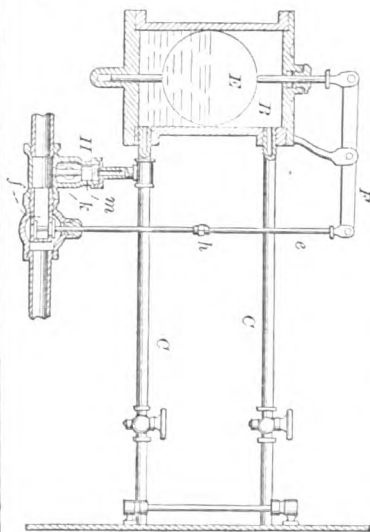
88243—S. J. Wallace—Wash Boiler.



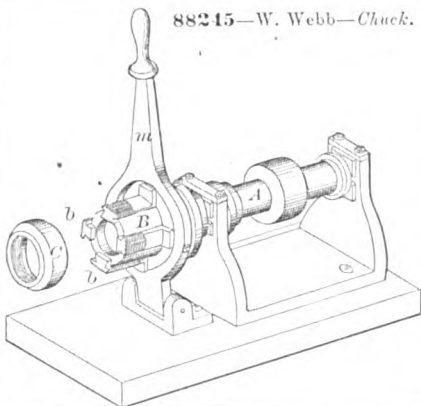
88242—L. Wakefield—Axle Box.



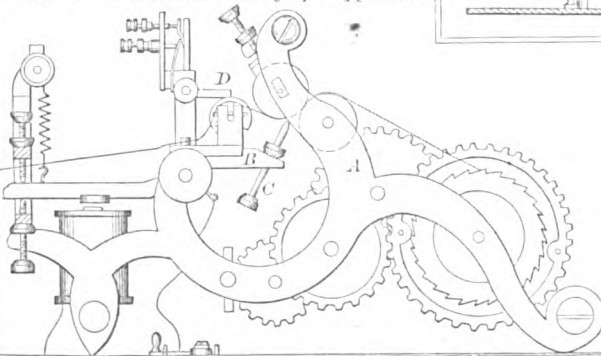
88246—T. B. Webster—Boiler Feeder.



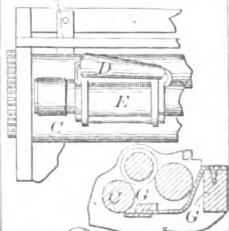
88245—W. Webb—Chuck.



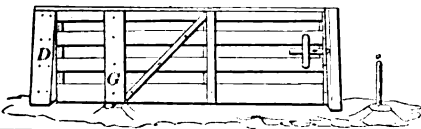
88248—C. Westbrook—Telegraph Apparatus.



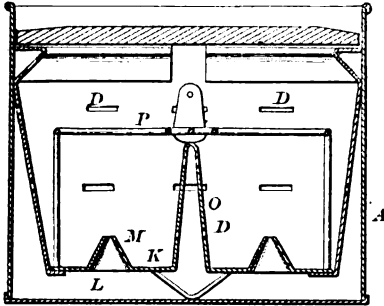
88247—H. Wells—Spinning Machine.



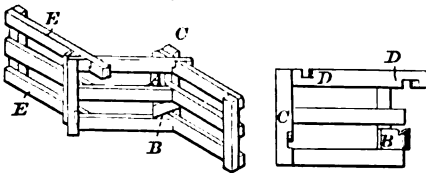
88249—S. P. Williams—*Gate.*



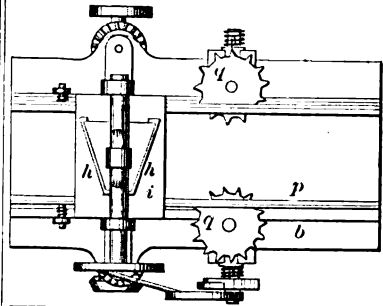
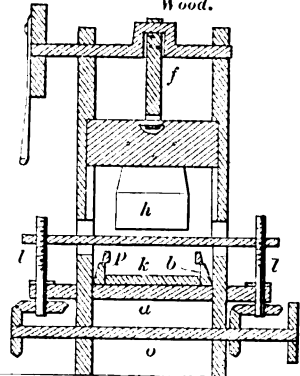
88251—G. W. Williamson—*Dish and Cloth Washer.*



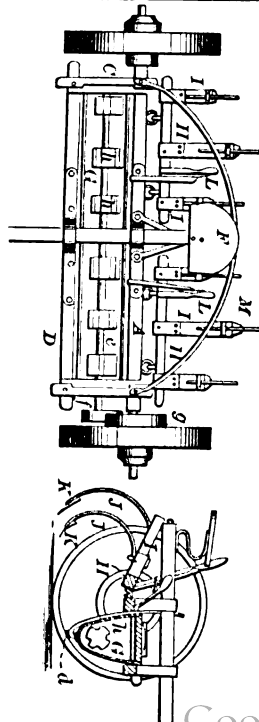
88252—Youkey & Rawson—*Fence.*



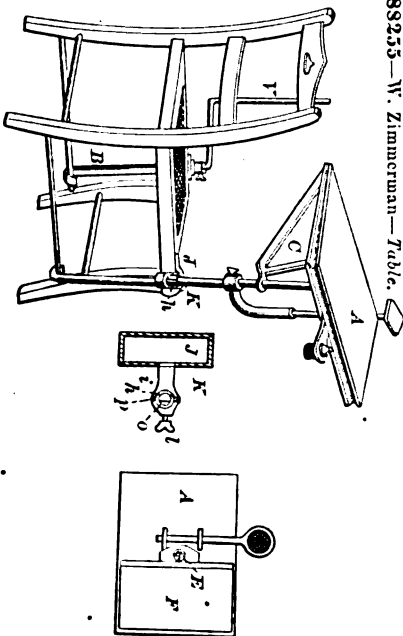
88250—W. L. Williams—*For Splitting Wood.*



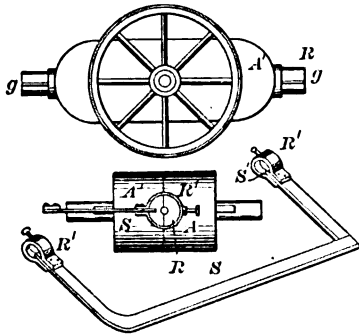
88253—M. Woodard—*Sorer and Cultivator.*



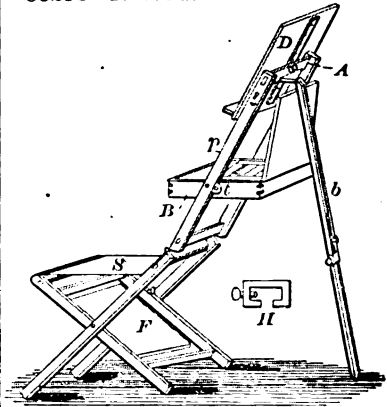
88255—W. Zimmerman—*Table.*



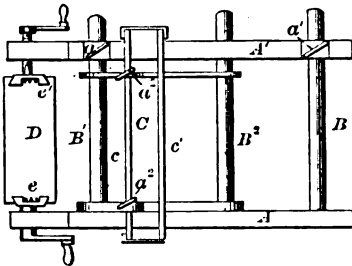
88254—G. W. N. Yost—Harvester.



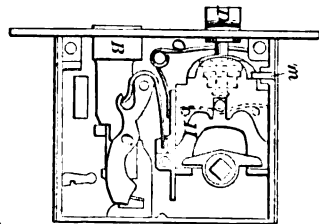
88256—F. W. Bacon—Easel.



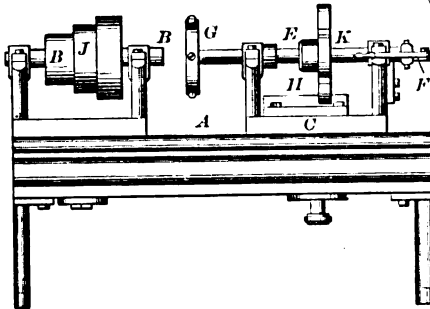
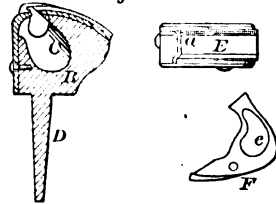
88257—C. F. Hargis—For Winding Cloth



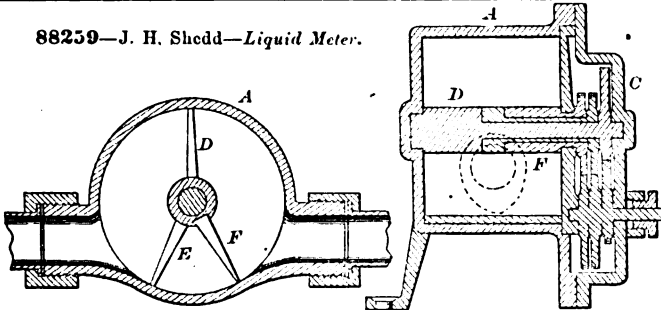
88261—A. Aston—Knob Latch.



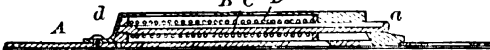
88262—E. A. Bagley—Screw Machine.

88264—C. P. Bigelow—  
Edge Plane.

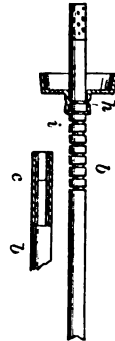
88259—J. H. Shedd—Liquid Meter.



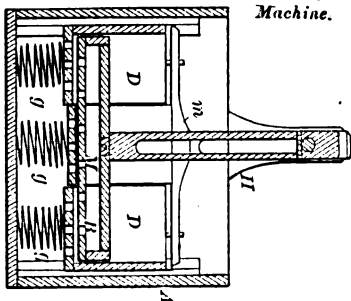
88263—D. Belcher—For Connecting Horses to Vehicles.



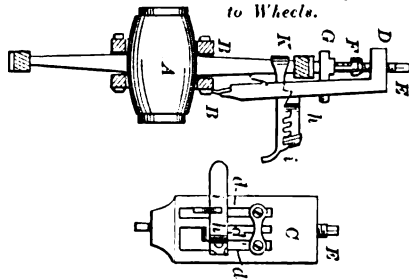
88265—D. Bly—Meatage Brush.



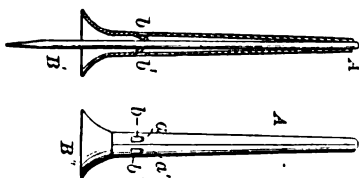
**88266—J. Drinkerhoff—Washing Machine.**



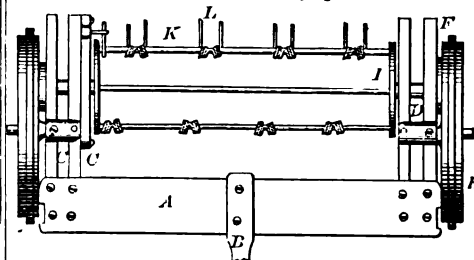
**88267—F. H. Brinkkotter—For Fitting Fellos to Wheels.**



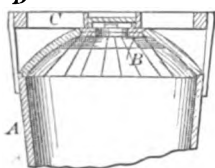
**88268—W. M. Brisben—Bobbin.**



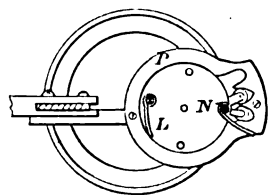
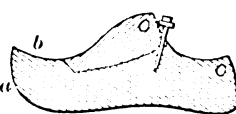
**88270—H. M. Burdick—Hay Spreader.**



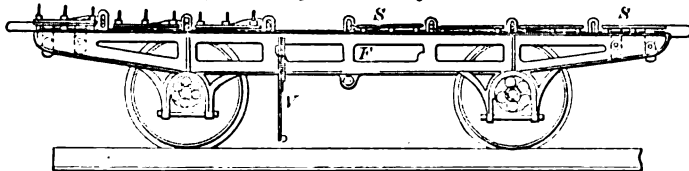
**88272—T. M. Bush—  
D Cistern Top.**



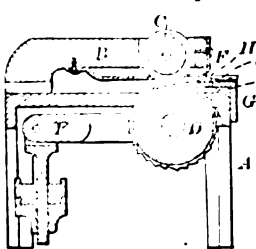
**88269—T. Bullivant—  
Last.**



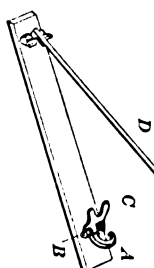
**88271—C. Chambers, Jr.—Car for Brick Dryers.**



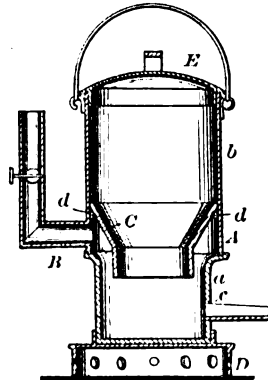
**88273—J. H. Cole—For  
Scum Finishing.**



**88273—Cahoon & Brown—  
Breed Pin Fastening.**

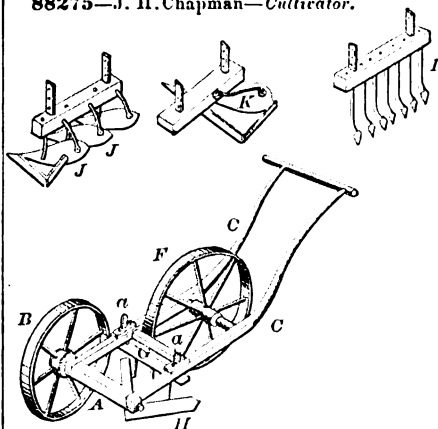


**88271—G. Burkhardt—  
Tinkers' Pot.**

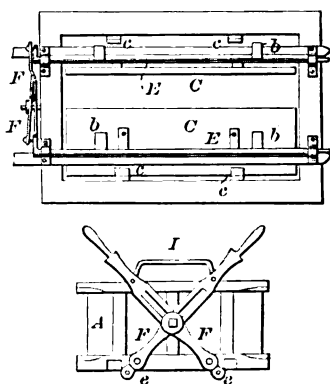




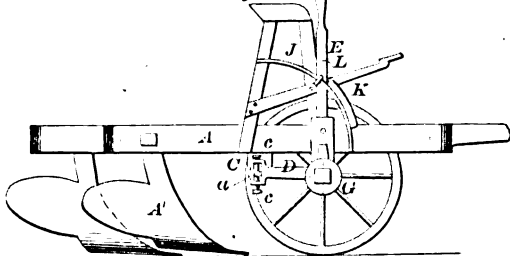
88275—J. H. Chapman—Cultivator.



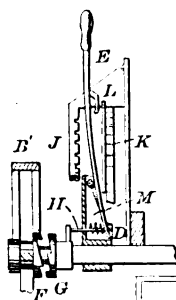
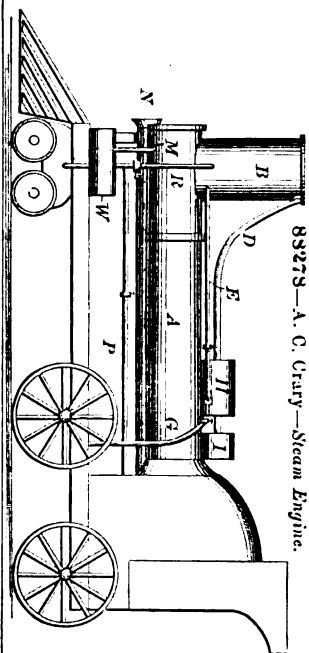
88277—J. Craig—Dumping Wagon.



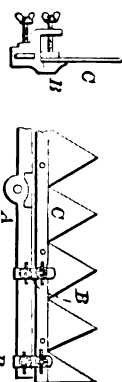
88280—A. Davison—Gang Plow.



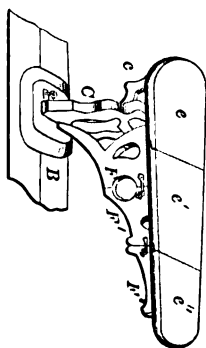
88278—A. C. Gray—Steam Engine.



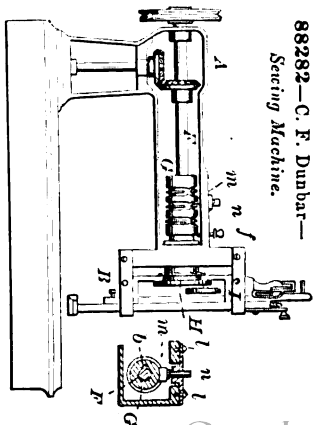
88279—M. C. Cronk—Clamp Bar.



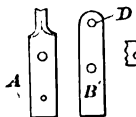
88281—H. T. De Montigny—Ironing Table.



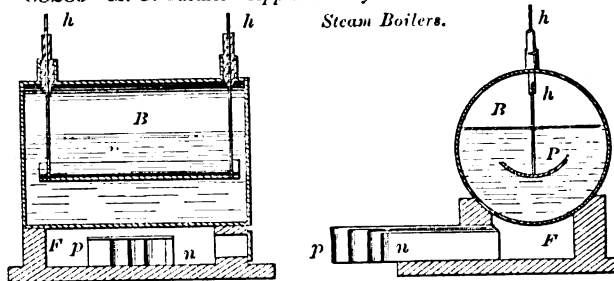
88282—C. F. Dunbar—Sewing Machine.



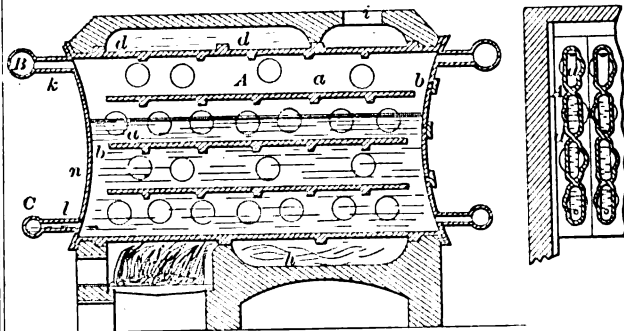
88283—G. D. Edwards—  
Chamming Tool.



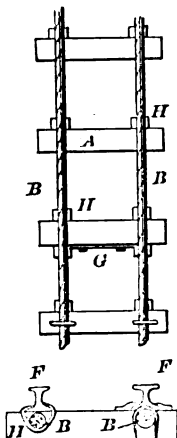
88285—M. G. Farmer—Application of an Electrical Current to  
Steam Boilers.



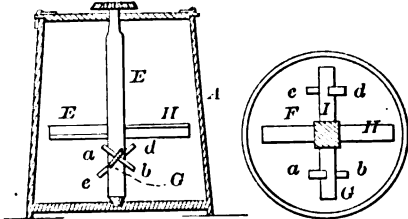
88288—A. C. Fletcher—Steam Generator.



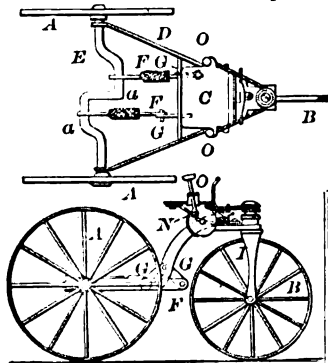
88284—M. B. Edson—Railway Truck.



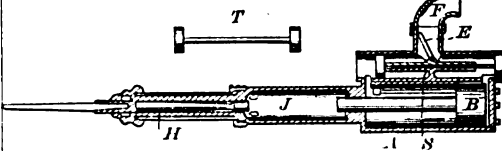
88289—J. Geiger—Churn.



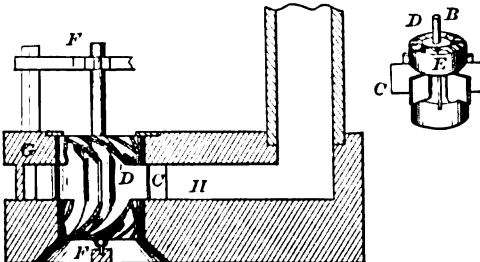
88286—A. Farrar—Velocipede.



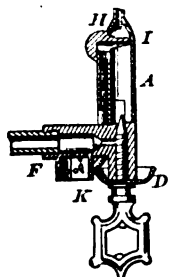
88290—G. F. Green—Tooth Mallet.

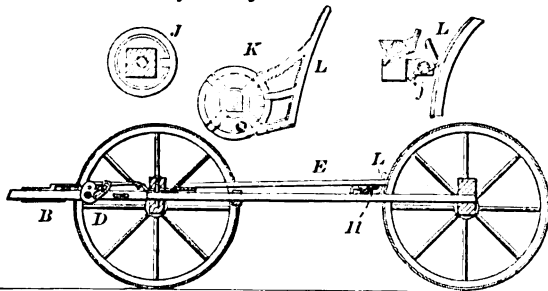
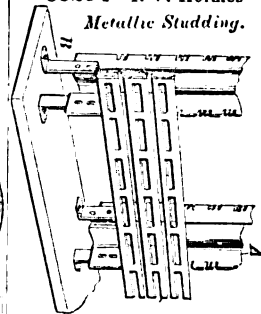
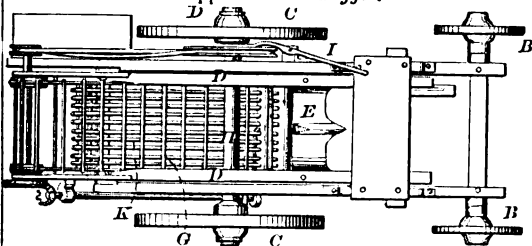
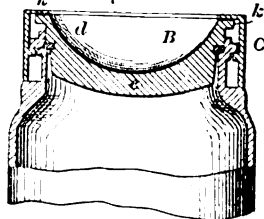
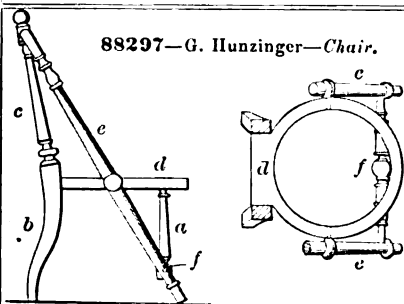
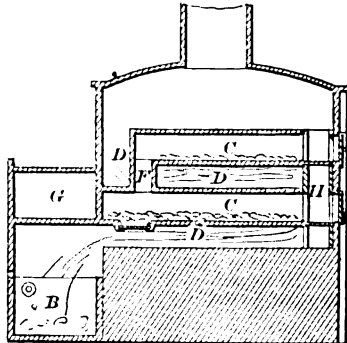
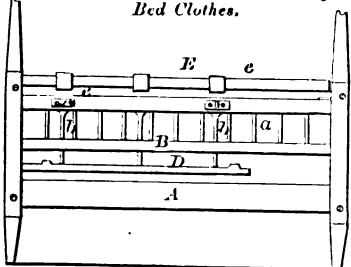
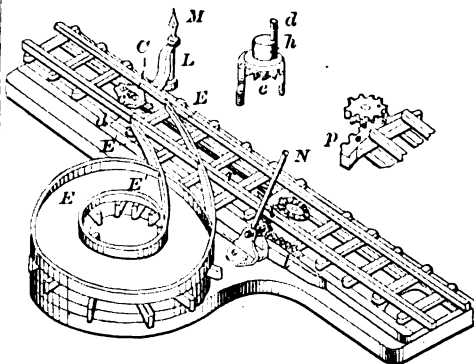
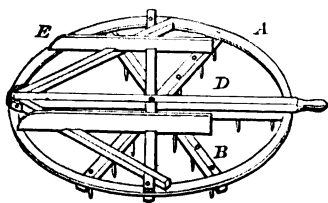


88292—O. L. Hart—Water Wheel.

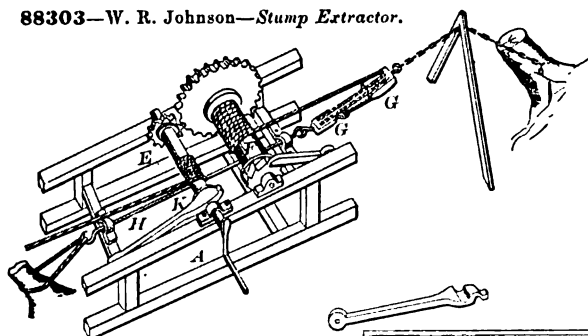


88287—L. Fischer—Vapor  
Burner.

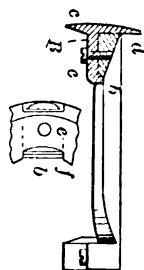


**88293—D. Healy—Wagon Brake.****88294—I. V. Holmes—Metallic Studding.****88295—J. R. Hopper—Potato Digger.****88296—Hughes Shaffer & Thompson—Fruit Jar.****88297—G. Hunzinger—Chair.****88299 J. Jameson—For Making Iron and Steel.****88298—G. Inwood—For Securing Bed Clothes.****88302—Johnson & Stiles—Railway Switch.****88301—J. D. Johnson—Harrow.**

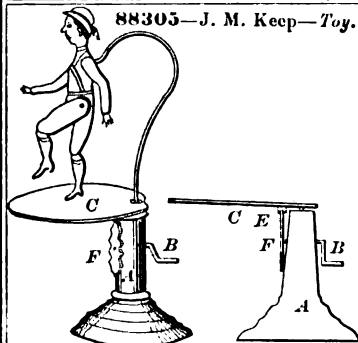
88303—W. R. Johnson—*Stump Extractor.*



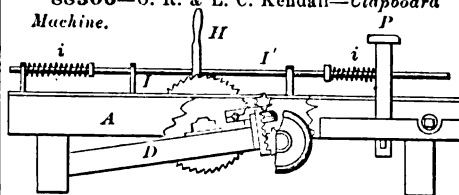
88304—J. Jorey—*Horse Shoe.*



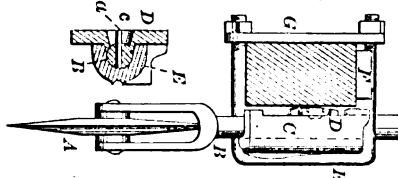
88305—J. M. Keep—*Toy.*



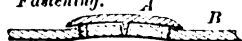
88306—O. R. & L. C. Kendall—*Clapboard Machine.*



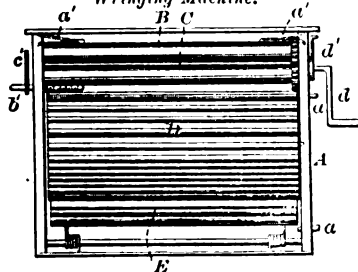
88309—J. Lane—*Plow Coulter.*



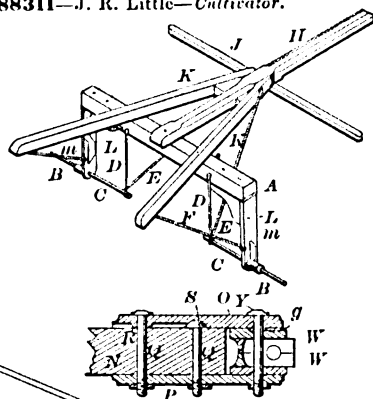
88307—Koeb & Houcke—*Belt Fastening.*



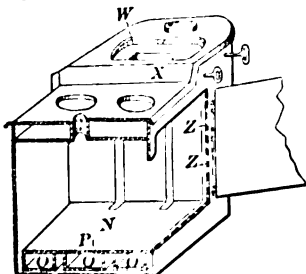
88308—J. Lamb—*Washing and Wringing Machine.*



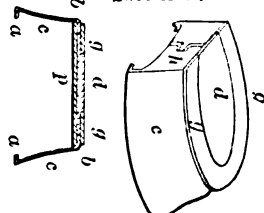
88311—J. R. Little—*Cultivator.*



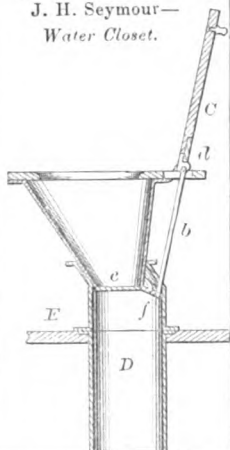
88313—Marvin & Vose—*Store.*



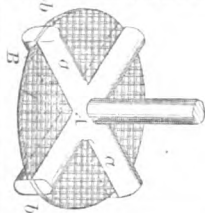
88310—R. Lapham—*Boot and Shoe Heel.*



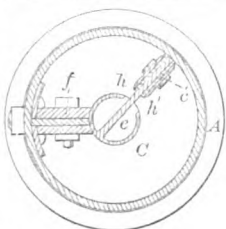
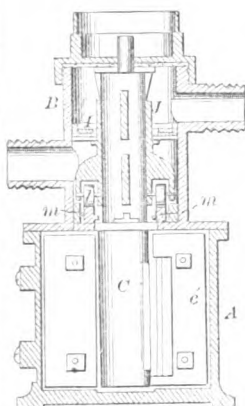
88220—  
J. H. Seymour—  
Water Closet.



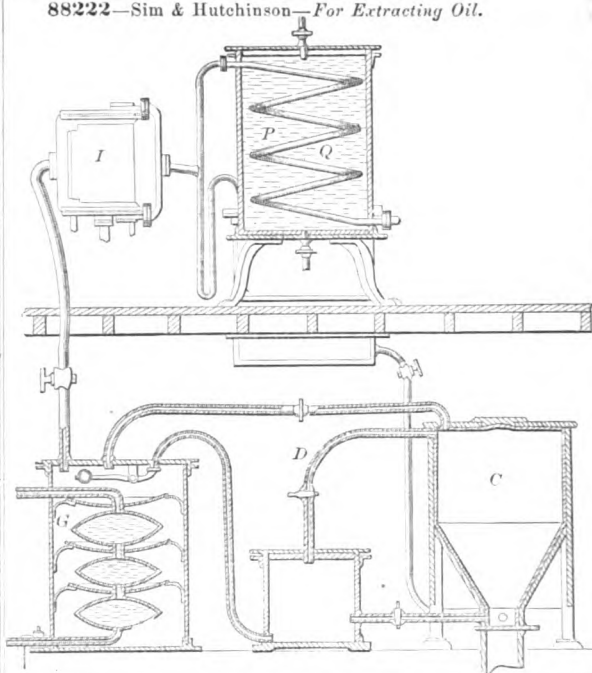
88226—Sperry &  
Hopson—Churn Dasher.



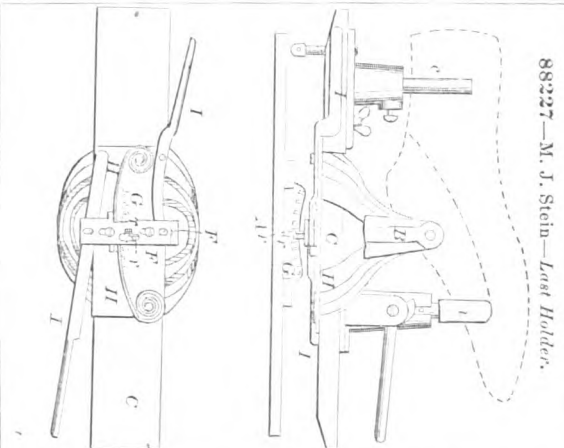
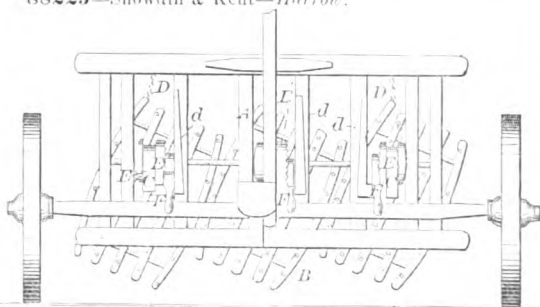
88221—G. Sickels—  
Water Meter



88222—Sim & Hutchinson—For Extracting Oil.

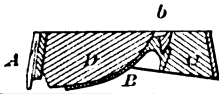


88225—Snowlin & Kent—Harrow.

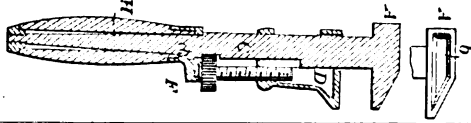


88227—M. J. Stein—Last Holder.

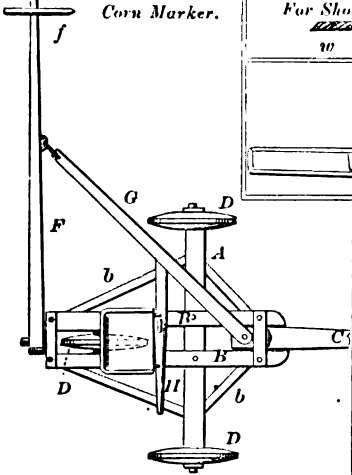
**88229**—L. R. Streeter—  
*Dentists' Flask.*



**88230**—G. C. Taft—*Wrench.*



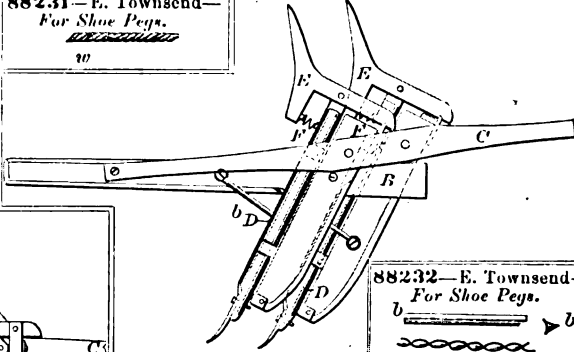
**88234**—G. W. Tucker—  
*Corn Marker.*



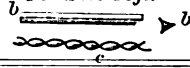
**88231**—E. Townsend—  
*For Shoe Pegs.*

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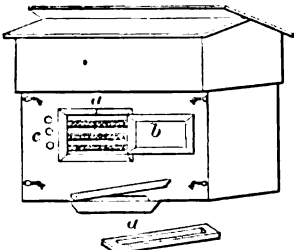
**88233**—A. J. Traver—*Ploie.*



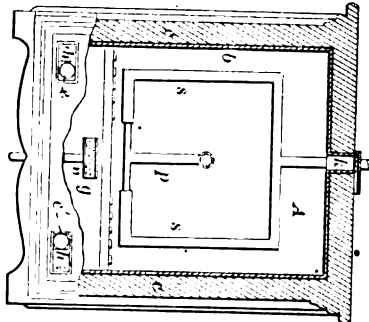
**88232**—E. Townsend—  
*For Shoe Pegs.*



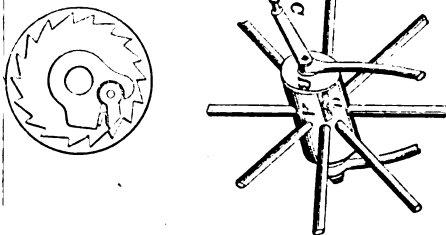
**88235**—G. W. Umbaugh—*Reehee.*



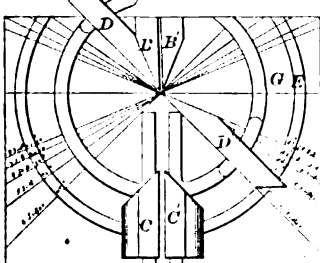
**88237**—O. Vallandigham—*Cigar Dryer.*



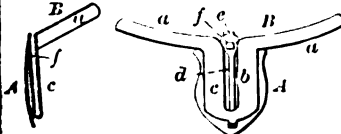
**88238**—W. Van Anden—*Velocipede.*



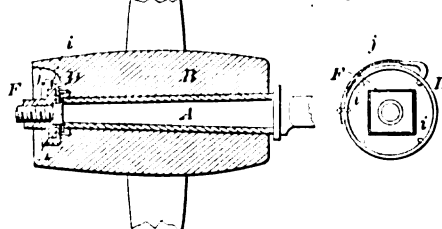
**88236**—C. H. Underwood—*Mitre Box.*

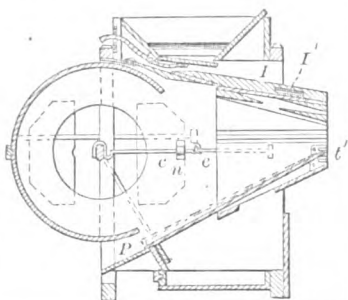
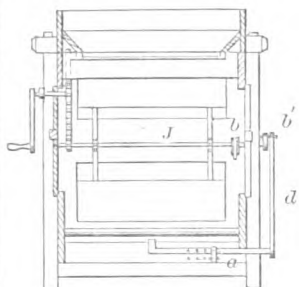
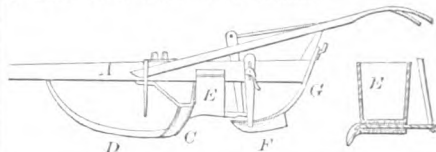
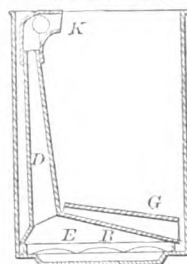
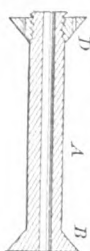
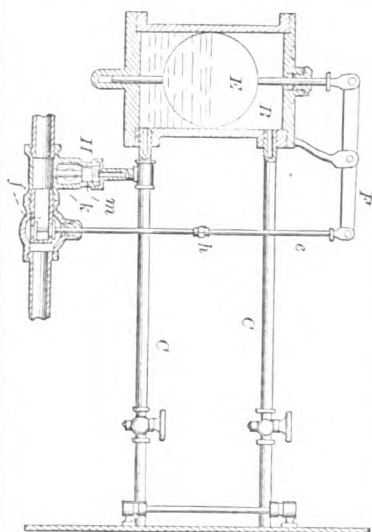
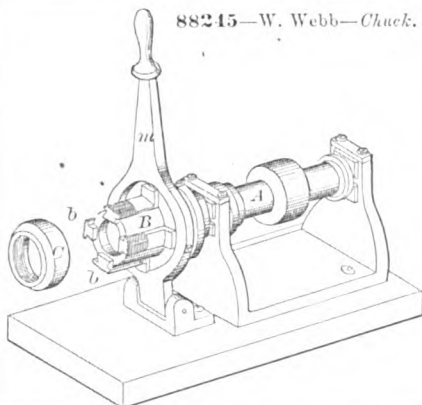
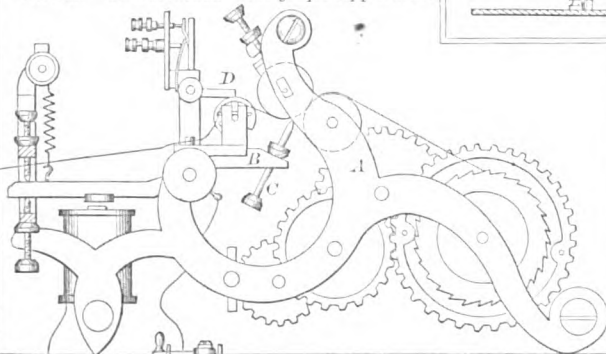
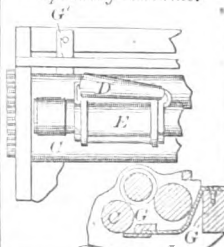


**88239**—J. Varley—*Neck Tie Retainer.*

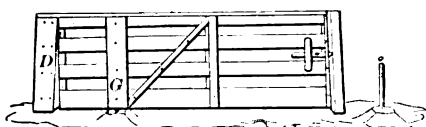


**88240**—Volkman & Miller—*Carriage Axle.*

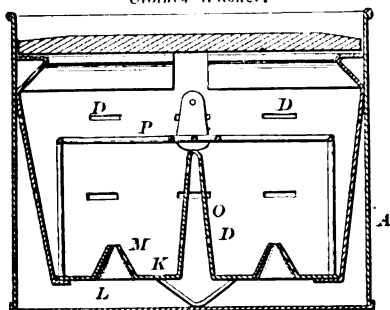


88241—W. W. Wait—*Fanning Mill.*88244—J. P. Ware—*Corn Planter.*88243—S. J. Wallace—*Wash Boiler.*88242—L. Wakefield—*Asyle Box.*88246—T. B. Webster—*Boiler Feeder.*88245—W. Webb—*Chuck.*88248—C. Westbrook—*Telegraph Apparatus.*88247—H. Wells—*Spinning Machine.*

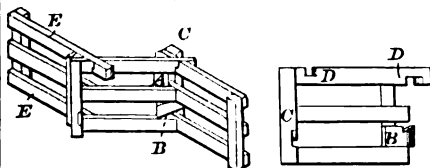
88249—S. P. Williams—Gate.



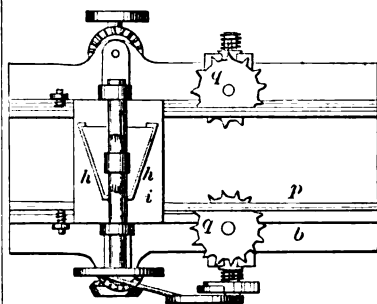
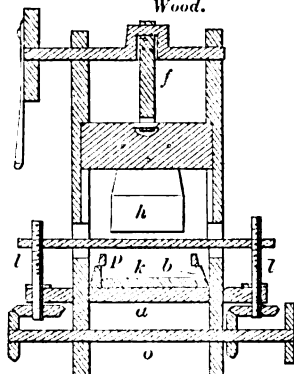
88251—G. W. Williamson—Dish and Clothes Washer.



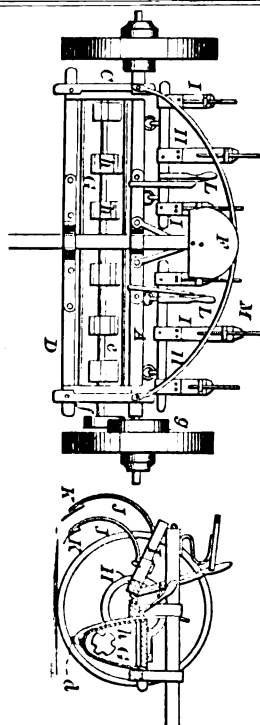
88252—Youkey & Rawson—Fence.



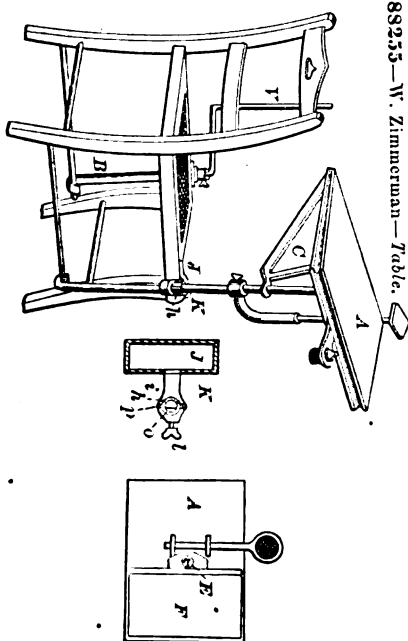
88250—W. L. Williams—For Splitting Wood.



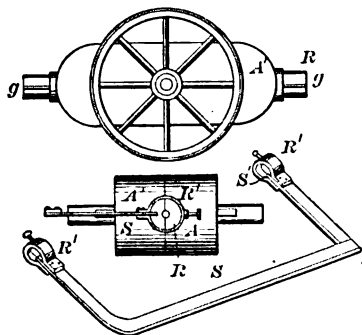
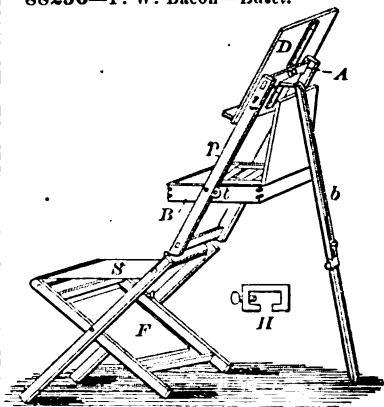
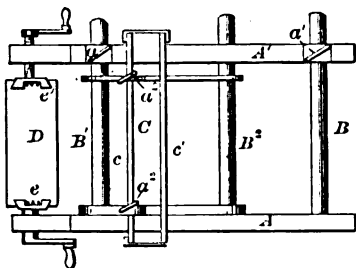
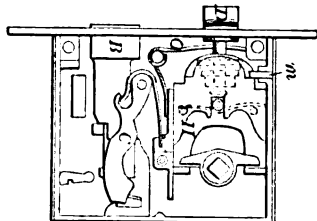
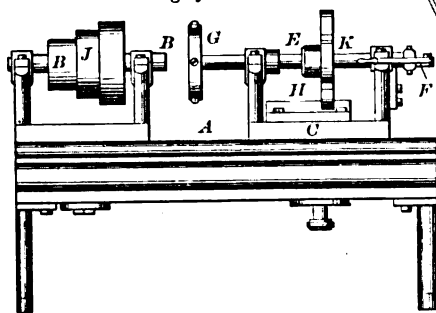
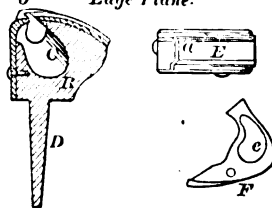
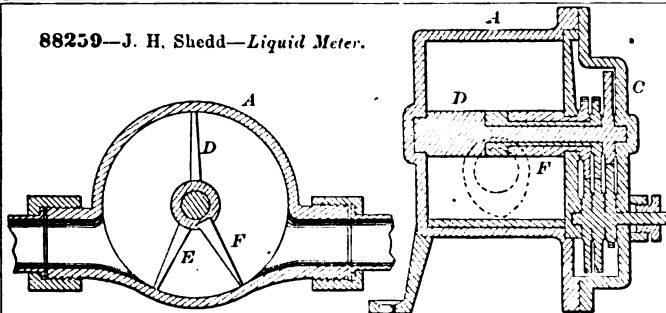
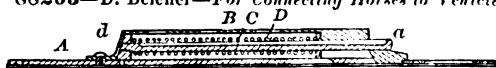
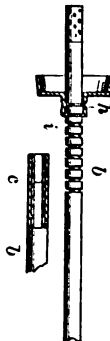
88253—M. Woodard—Sorer and Cultivator.



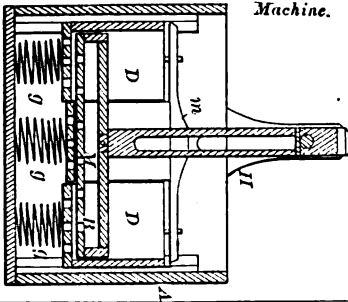
88255—W. Zimmerman—Table.



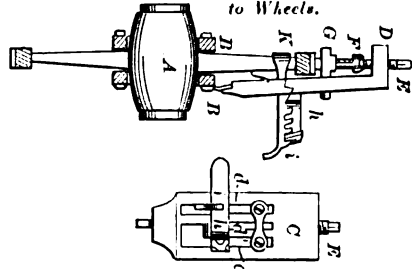


88254—G. W. N. Yost—*Harvester.*88256—F. W. Bacon—*Easel.*88257—C. F. Hargis—*For Winding Cloth*88261—A. Aston—*Knob Latch.*88262—E. A. Bagley—*Screw Machine.*88264—C. P. Bigelow—*Edge Plane.*88259—J. H. Shedd—*Liquid Meter.*88263—D. Belcher—*For Connecting Horses to Vehicles.*88265—D. Bly—*Mucilage Brush.*

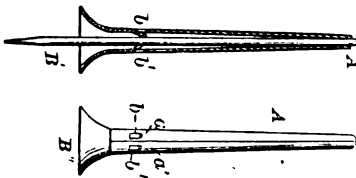
**88206—J. Drinkerhoff—Washing Machine.**



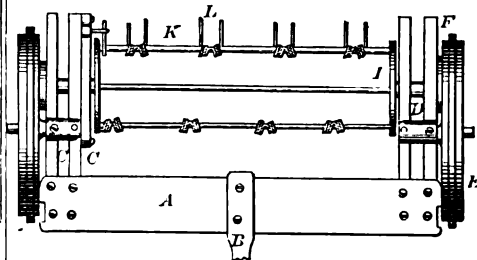
**88267—F. H. Brinkkötter—For Fitting Fellos to Wheels.**



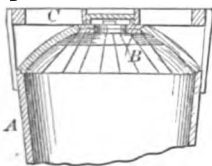
**88268—W. M. Brisben—Bobbin.**



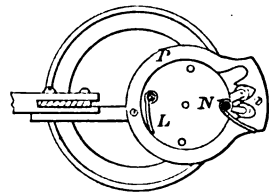
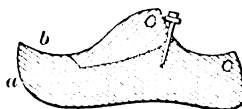
**88270—H. M. Burdick—Hay Spreader.**



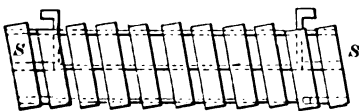
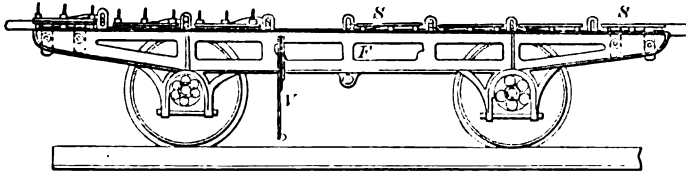
**88272—T. M. Bush—  
D Cistern Top.**



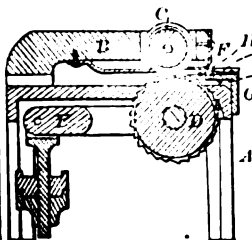
**88269—T. Bullivant—  
Last.**



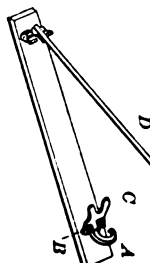
**88274—C. Chambers, Jr.—Car for Brick Dryers.**



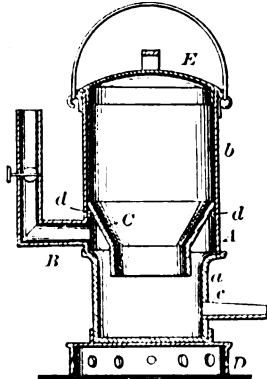
**88276—J. H. Cole—For  
Seam Finishing.**



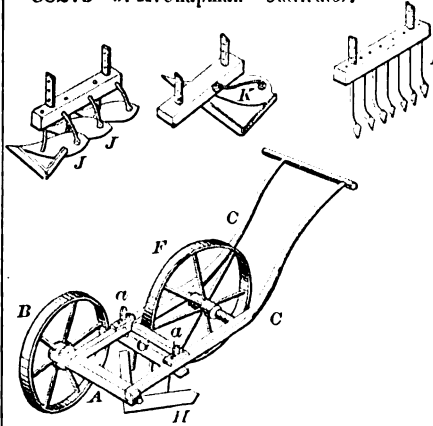
**88273—Cahoon & Brown—  
Breast Pin Fastening.**



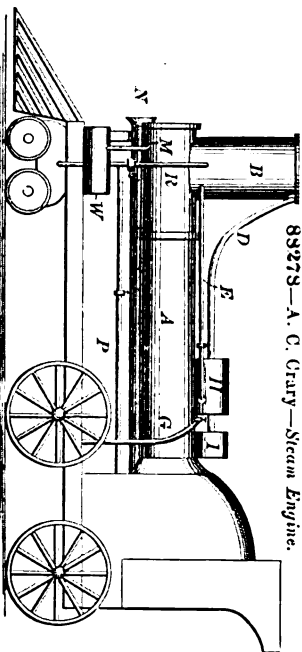
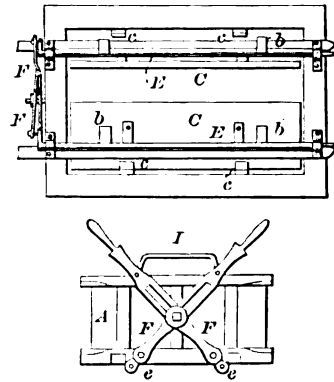
**88271—G. Burkhardt—  
Tinkers' Pot.**



88275—J. H. Chapman—Cultivator.

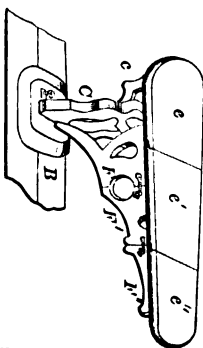
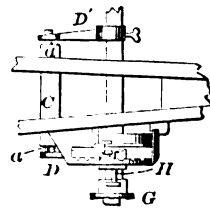
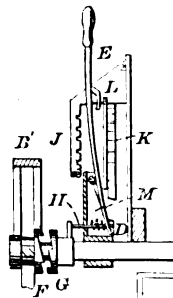
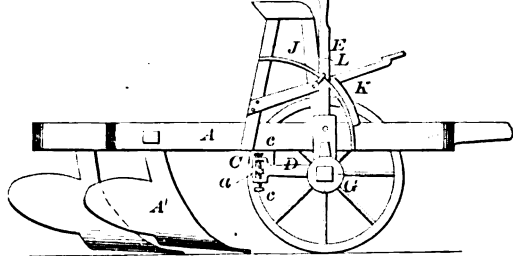


88277—J. Craig—Dumping Wagon.

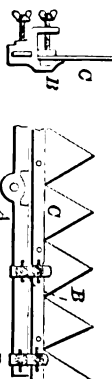


88278—A. C. Gray—Steam Engine.

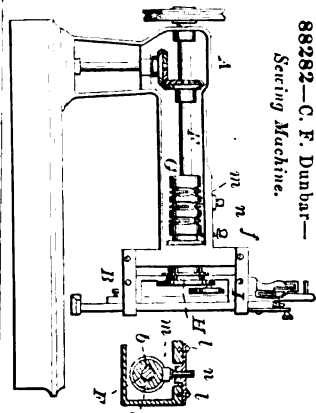
88280—A. Davison—Gang Plow.



88281—H. T. De Montigny—Ironing Table.

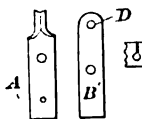


88279—M. C. Crank—Clamp Bar.

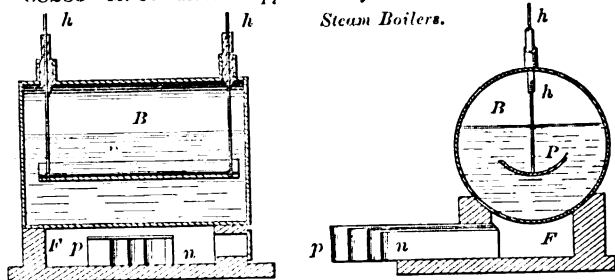


88282—C. F. Dunbar—Seeding Machine.

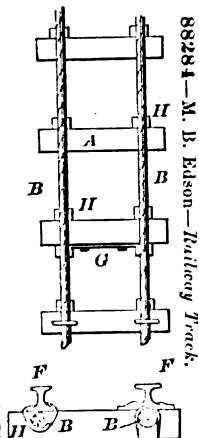
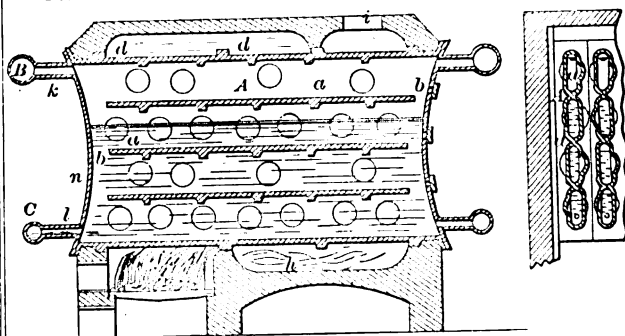
88283—G. D. Edmunds—  
Chamfering Tool.



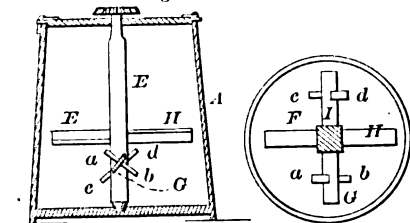
88285—M. G. Farmer—Application of an Electrical Current to  
Steam Boilers.



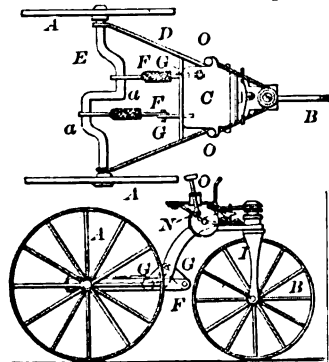
88288—A. C. Fletcher—Steam Generator.



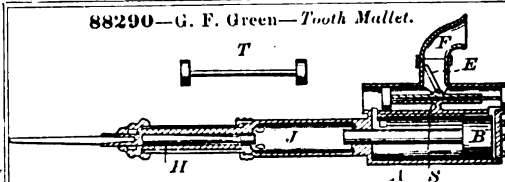
88289—J. Geiger—Churn.



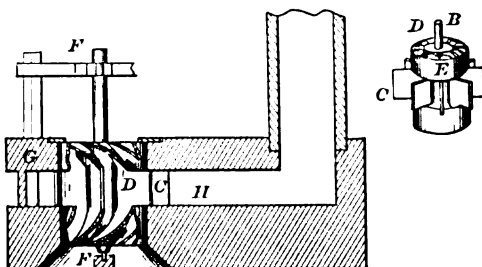
88286—A. Farrar—Velocipede.



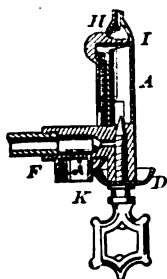
88290—G. F. Green—Tooth Mallet.

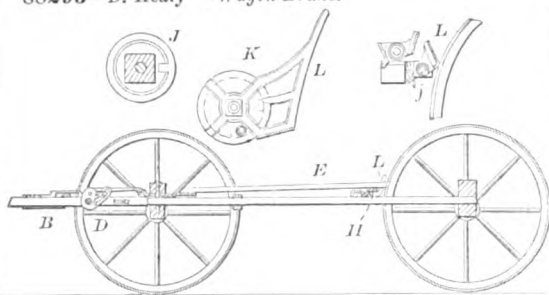
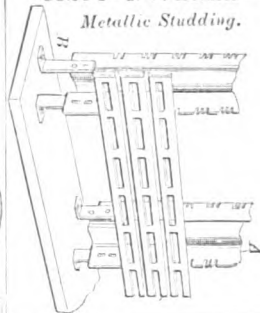
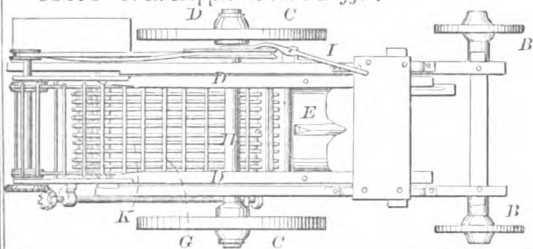
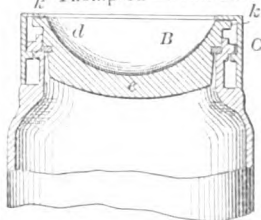
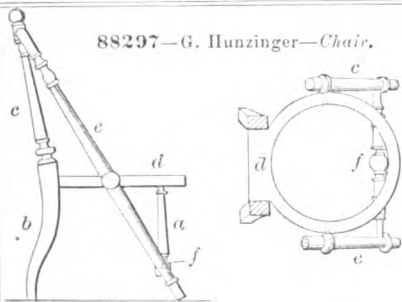
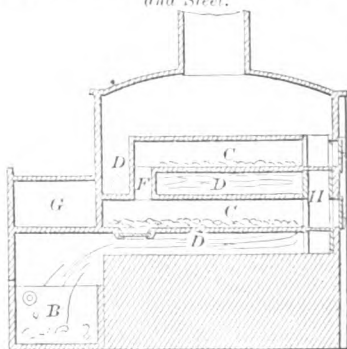
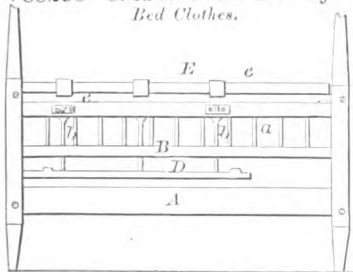
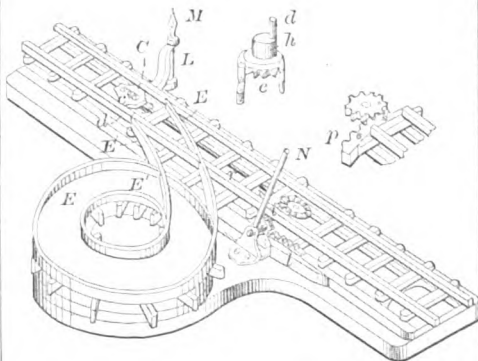
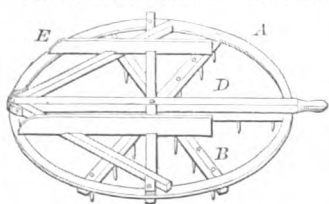


88292—O. L. Hart—Water Wheel.

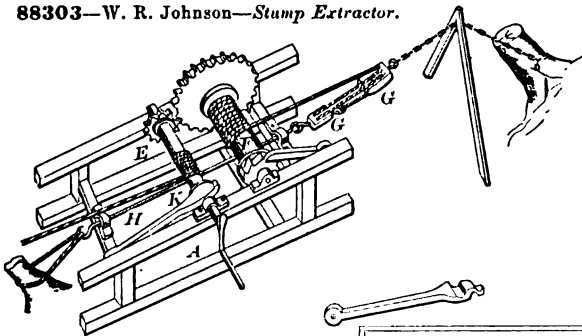


88287—L. Fischer—Vapor  
Burner.

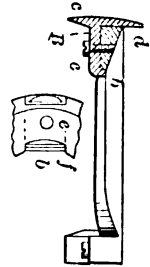


88293—D. Healy—*Wagon Brake.*88294—I. V. Holmes—*Metallic Studding.*88295—J. R. Hopper—*Potato Digger.*88296—Hughes Shaffer & k Thompson—*Fruit Jar.*88297—G. Hunzinger—*Chair.*88299 J. Jameson—*For Making Iron and Steel.*88298—G. Inwood—*For Securing Bed Clothes.*88302—Johnson & Stiles—*Railway Switch.*88301—J. D. Johnson—*Harrow.*

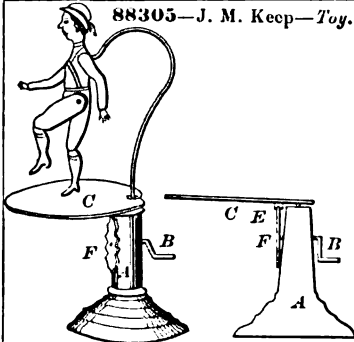
88303—W. R. Johnson—*Stump Extractor.*



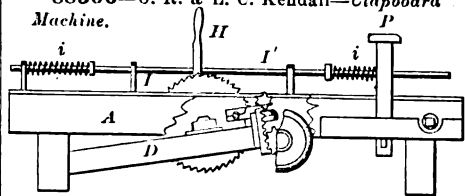
88304—J. Jorey—*Horse Shoe.*



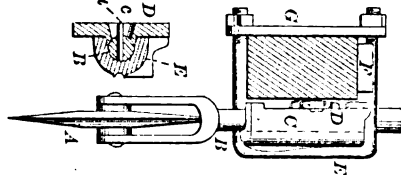
88305—J. M. Keep—*Toy.*



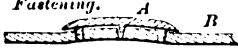
88306—O. R. & L. C. Kendall—*Clapboard Machine.*



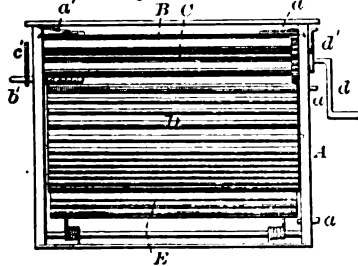
88309—J. Lane—*Plow Coulter.*



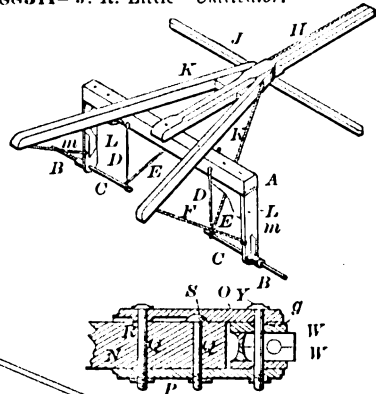
88307—Koebe & Houcke—*Belt Fastening.*



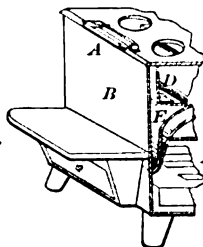
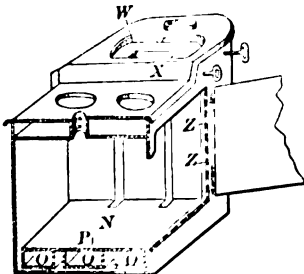
88308—J. Lamb—*Washing and Wringing Machine.*



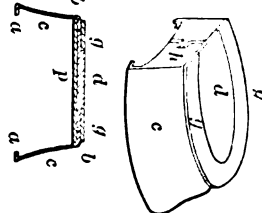
88311—J. R. Little—*Cultivator.*



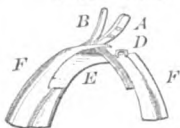
88313—Marvin & Vose—*Store.*



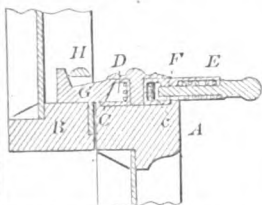
88310—R. Lapham—*Boot and Shoe Heel.*



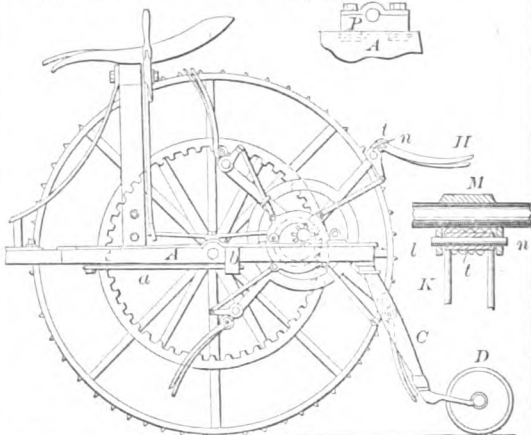
88312—J. C. Mahaffey—  
*Horse Collar.*



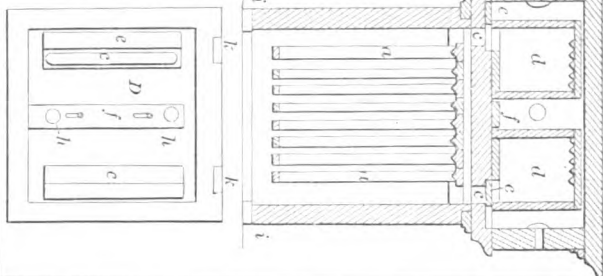
88318—McGregor & Voll—  
*Sash Lock.*



88314—N. F. Mathewson—*Hay Spreader.*



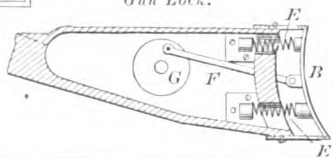
88315—T. F. McCafferty—*Beehive.*



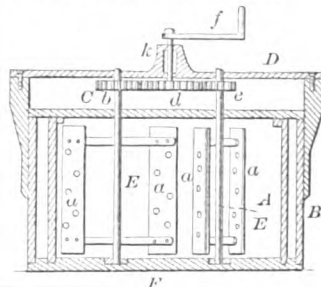
88317—McCarthy & Beck—  
*For Shearing Sheep.*



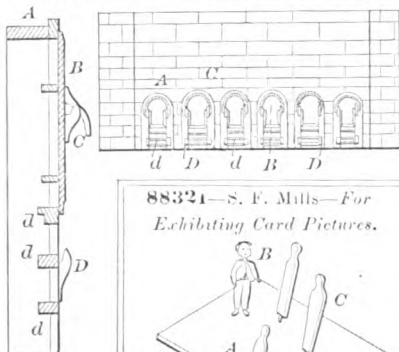
88319—J. C. Miller—  
*Gun Lock.*



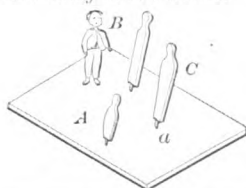
88320—M. B. Miller—*Churn.*



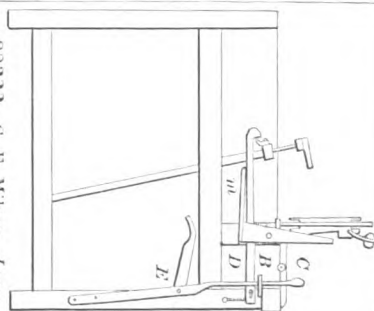
88316—J. M. McCarthy—*Brick Kiln.*



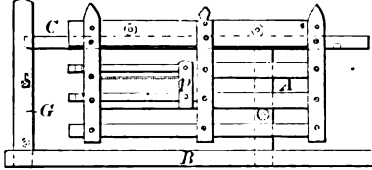
88321—S. F. Mills—*For  
Exhibiting Card Pictures.*



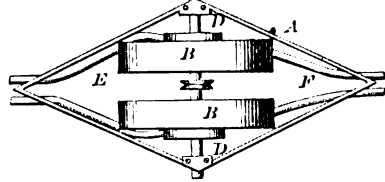
88322—G. E. Mitroy—*Loom.*



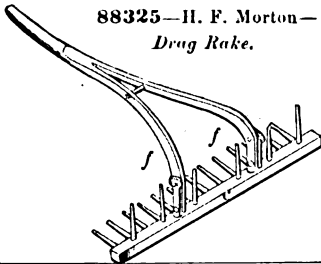
88323—A. T. Morris—Gate.



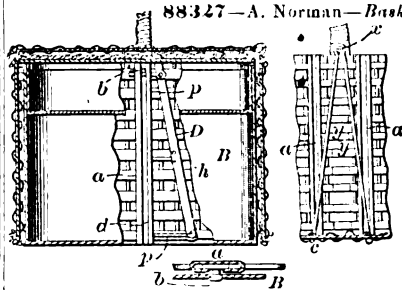
88324—W. Morrow—Aerial Car.



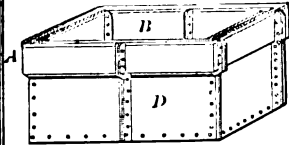
88325—H. F. Morton—  
Drag Rake.



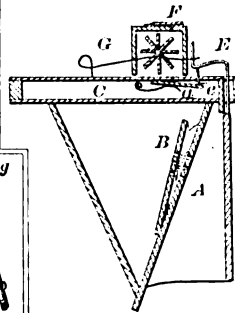
88327—A. Norman—Basket.



88326—P. Munzinger—

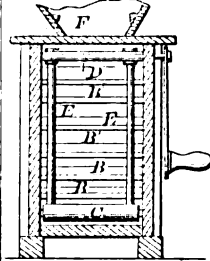


Gas Purifier.

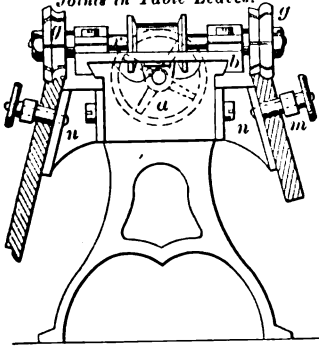


88328—L. T. Packard—For  
Musical Instruments.

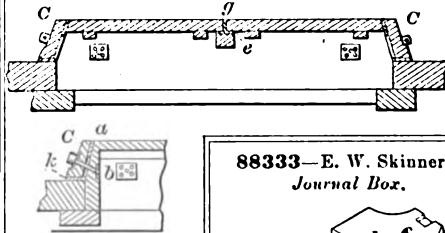
88329—  
T. C. Purington—Grape  
Crusher, &c.



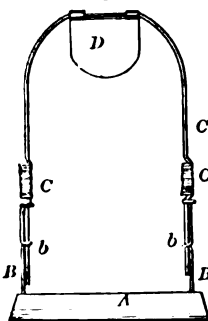
88331—J. Richards—For Making  
Joints in Table Leaves.



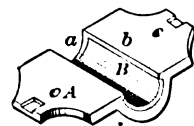
88330—J. R. Rich—Securing Ships' Hatches.



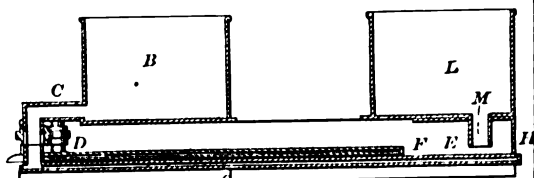
88335—F. W. Smith, Jr.—  
Croquet Wicket.



88333—E. W. Skinner—  
Journal Box.

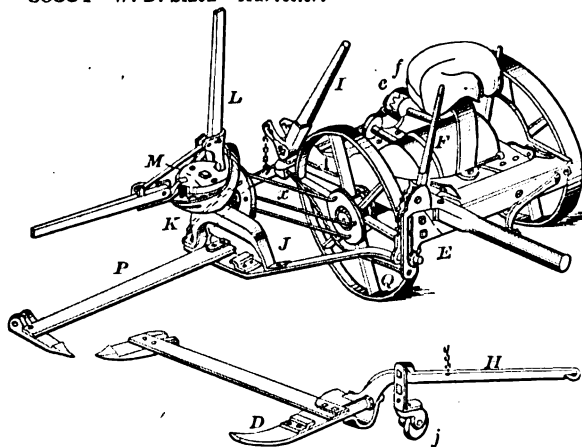


88332—C. L. Sabin—Milk Cooler.

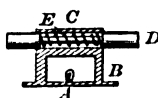




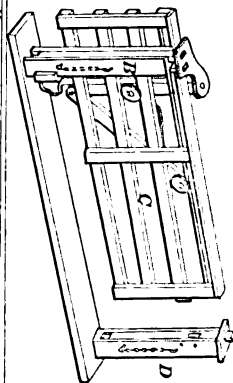
**88334—W. D. Slack—*Harvester.***



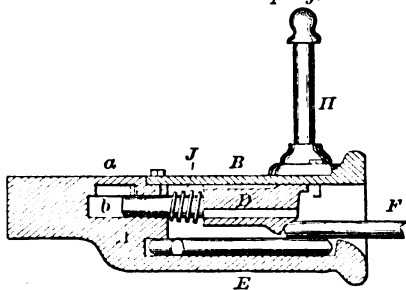
88338—P. C. Smith—  
*Watch Chain.*



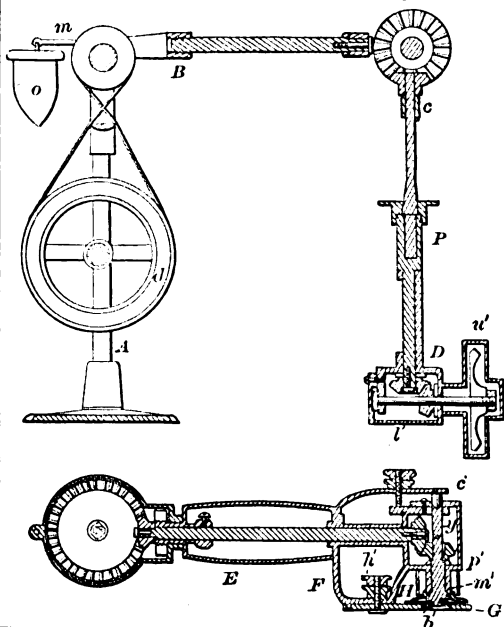
**88339—R. M. Smith—  
Farm Gate.**



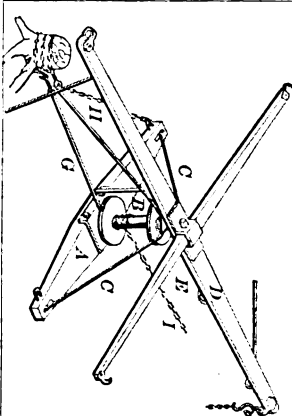
**88337—O. L. Smith—Car Coupling.**



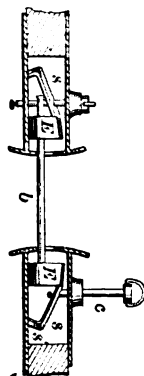
**88340—Smith & Priest—*Animal Shearing Machine.***



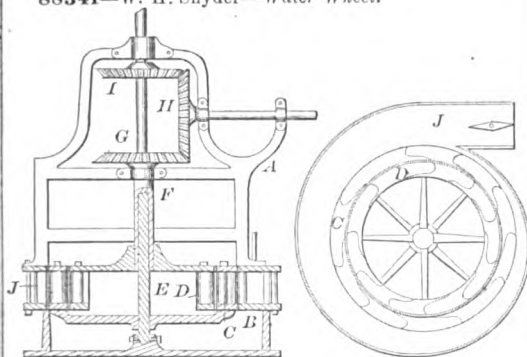
88336—II. Smith, 34—*Stump Extractor*.



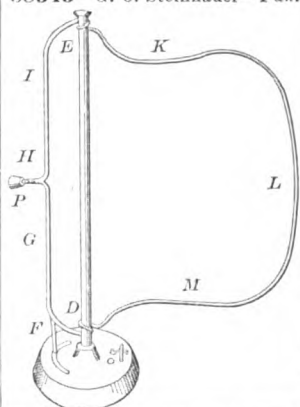
### 88342—II. Soggs—Cur Coupling.



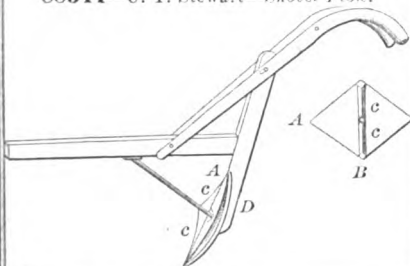
88341—W. H. Snyder—Water Wheel.



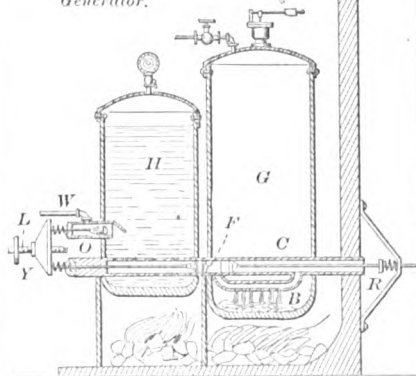
88343—G. C. Steinhauer—Fan.



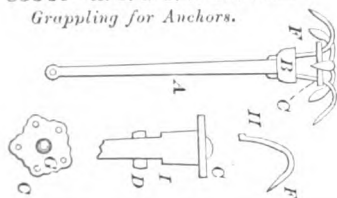
88344—U. T. Stewart—Shovel Ploce.



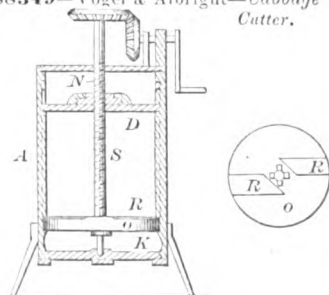
88345—J. Tiffany—Steam Generator.



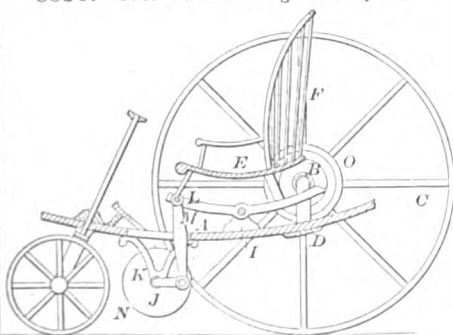
88346—A. S. & T. J. Trafton—Grappling for Anchors.



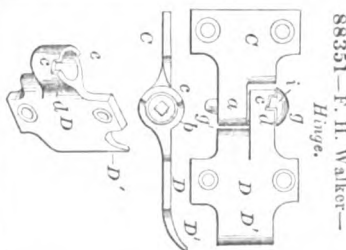
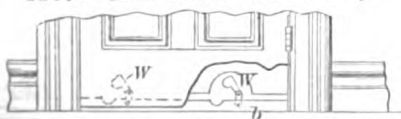
88349—Vogel & Albright—Cabbage Cutter.



88347—J. A. Vander Waag—Velocipede.

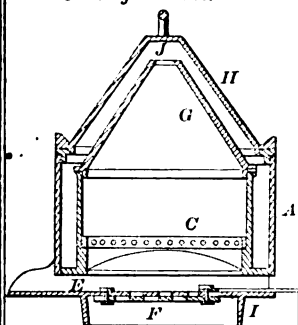


88350—D. G. Walker—Weather Strip.

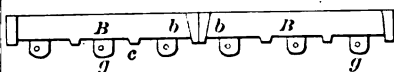


88351—F. H. Walker—Hinge.

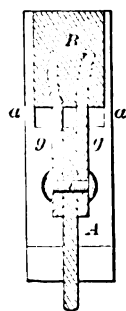
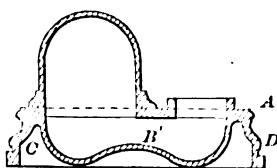
**88352**—R. H. Waldron—  
*Cooking Furnace.*



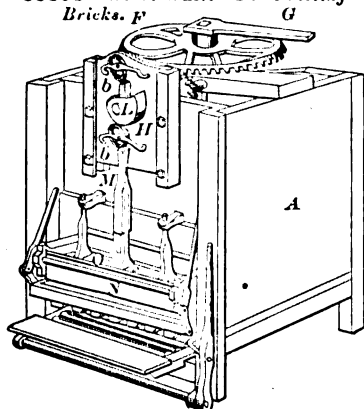
**88355**—J. Yocom, Jr.—*Grate Bar.*



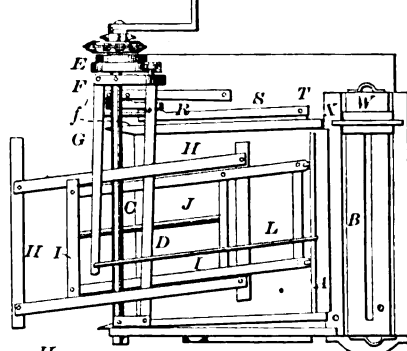
**88354**—H. Whitney—*Inkstand.*



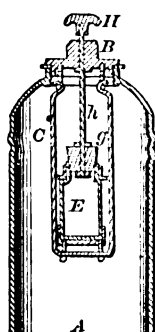
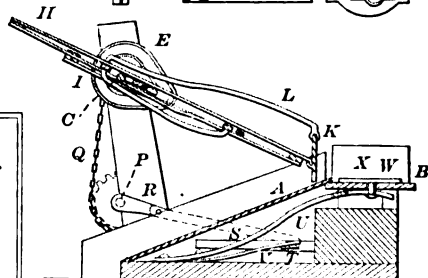
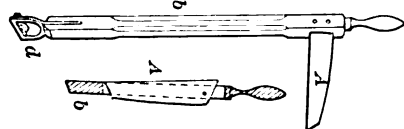
**88353**—W. G. White—*For Pressing  
Bricks. F.*



**88358**—C. Barns—*Harvester Rake.*

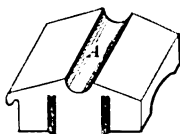


**88357**—S. R. Bailey—*Cheese Cutter.*

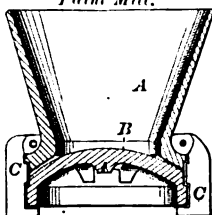


**88359**—Date & Pinkham—*Fire  
Extinguisher.*

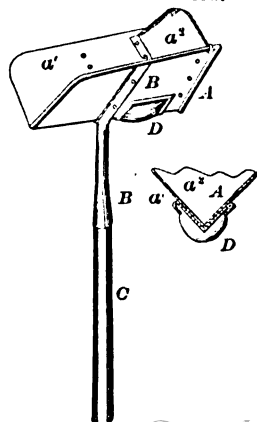
**88356**—A. B. Allen—  
*Axle Box Bearing.*

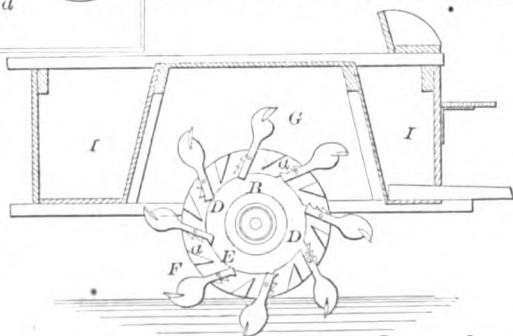
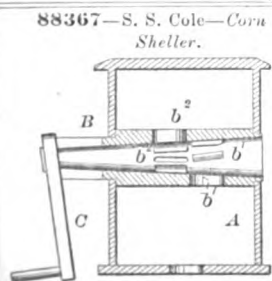
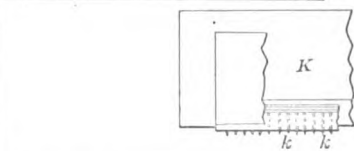
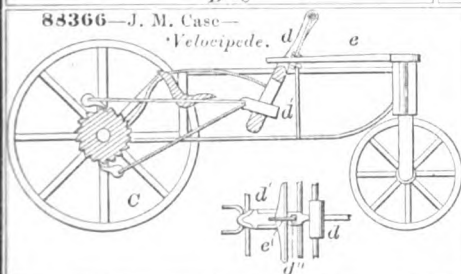
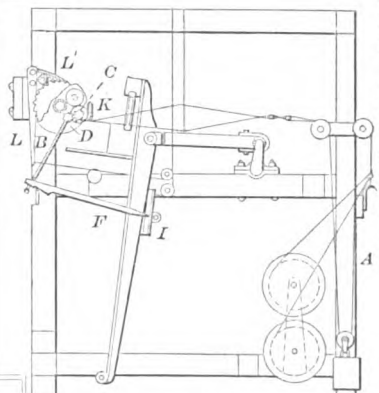
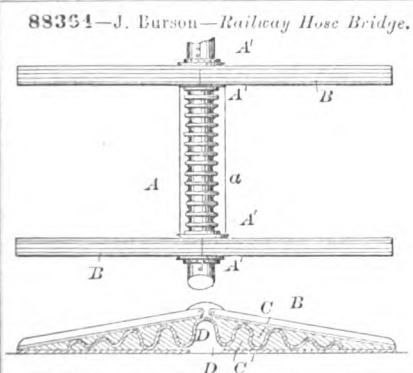
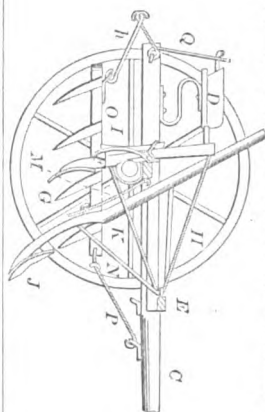
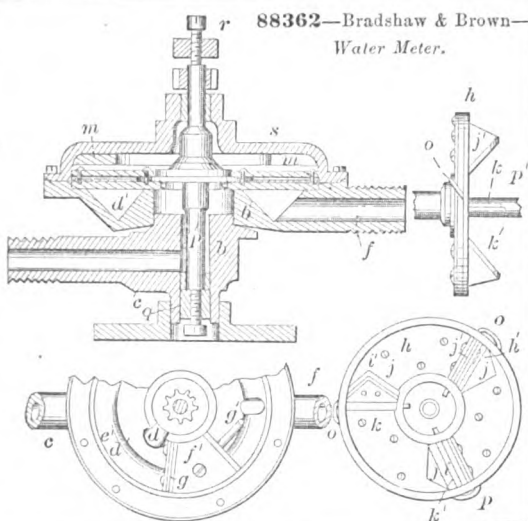


**88360**—J. A. Berrill—  
*Paint Mill.*

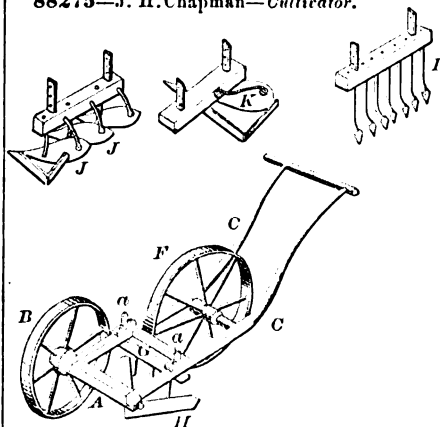


**88361**—Black, Hinkle & White—  
*Brick and Mortar Hod.*

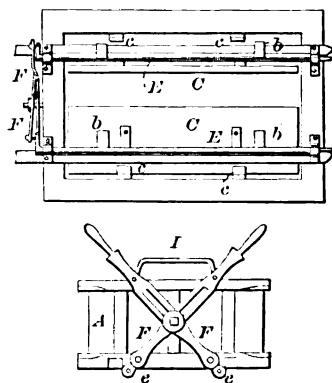




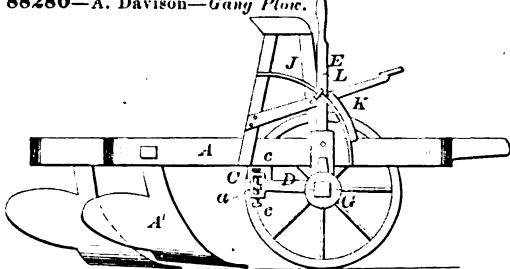
88275—J. H. Chapman—Cultivator.



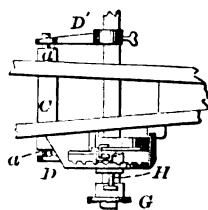
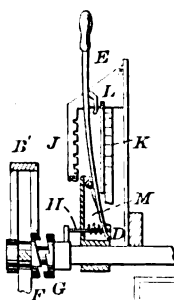
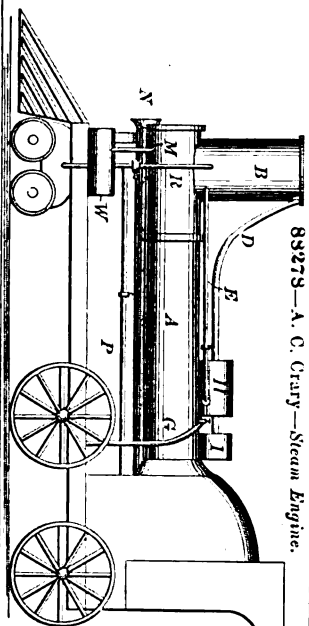
88277—J. Craig—Dumping Wagon.



88280—A. Davison—Gang Plow.

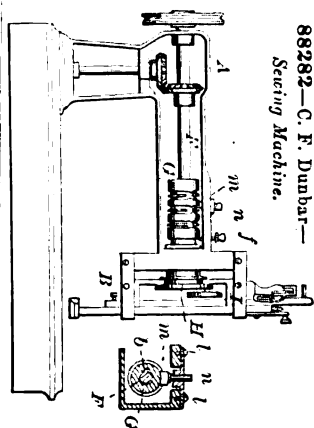


88278—A. C. Cray—Steam Engine.

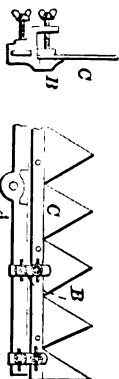


88282—C. F. Dunbar—

Sewing Machine.

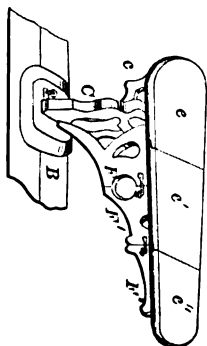


88279—M. C. Cronk—Clamp Bar.

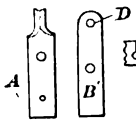


88281—H. T. De Montigny—

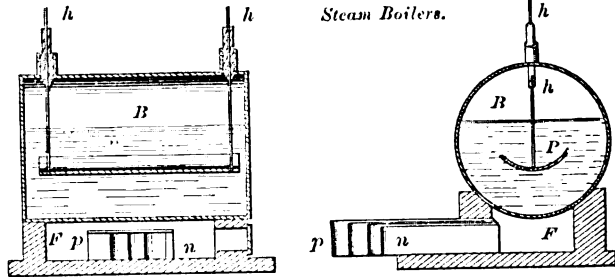
Ironing Table.



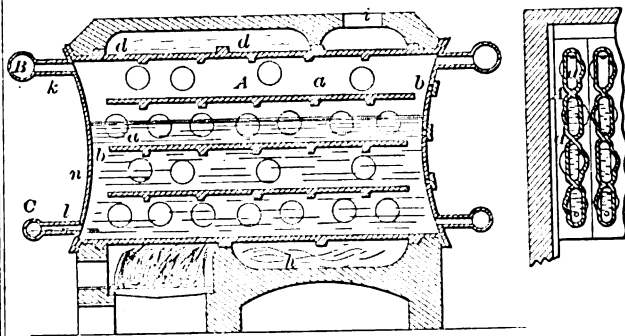
88283—G. D. Edwards—  
Channeling Tool.



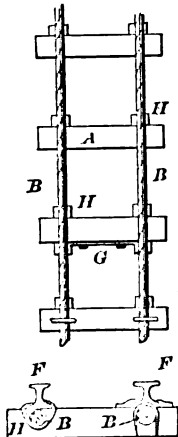
88285—M. G. Farmer—Application of an Electrical Current to  
Steam Boilers.



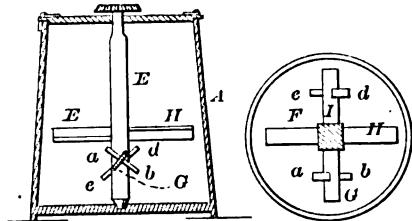
88288—A. C. Fletcher—Steam Generator.



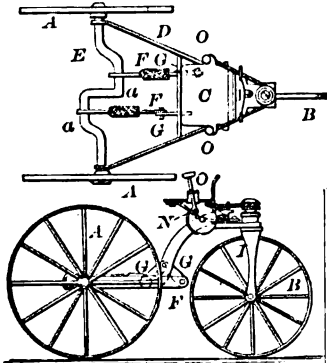
88284—M. B. Edson—Railway Tracks.



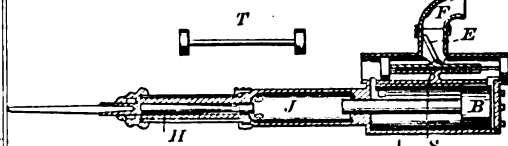
88289—J. Geiger—Churn.



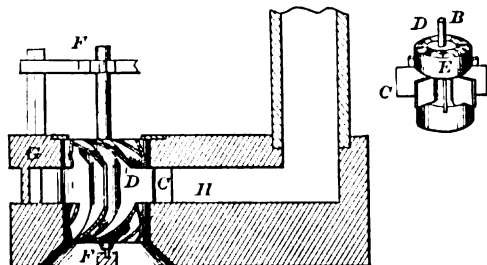
88286—A. Farrar—Velocipede.



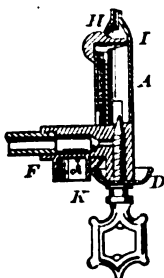
88290—G. F. Green—Tooth Mallet.



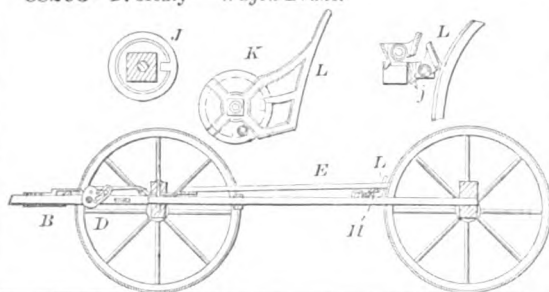
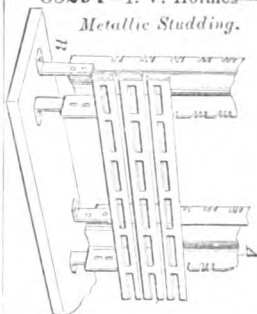
88292—O. L. Hart—Water Wheel.



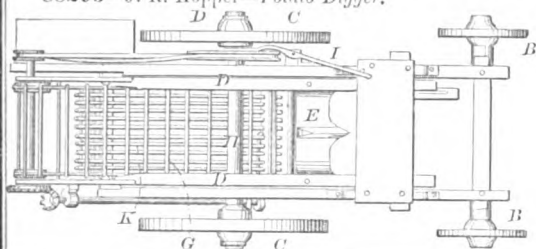
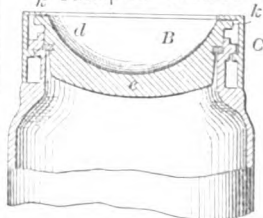
88287—L. Fischer—Vapor  
Burner.



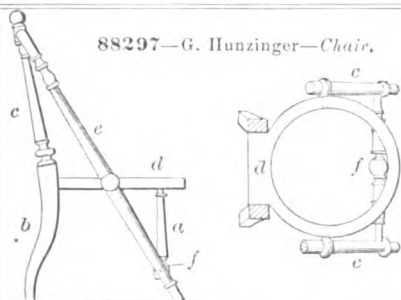
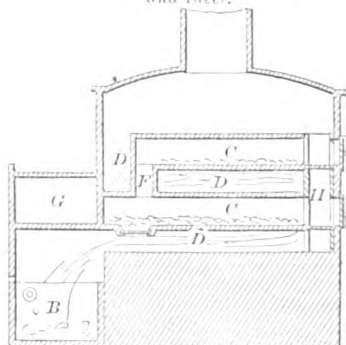
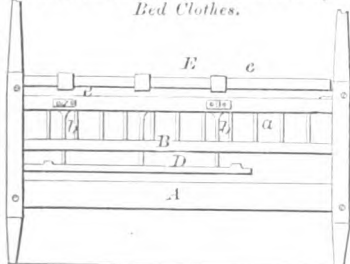
88293—D. Healy—Wagon Brake.

88294—I. V. Holmes—  
Metallic Studding.

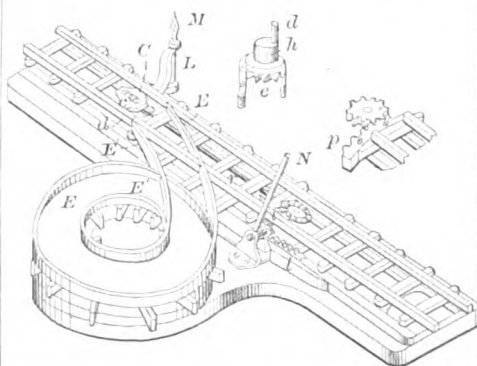
88295—J. R. Hopper—Potato Digger.

88296—Hughes Shaffer &  
Thompson—Fruit Jar.

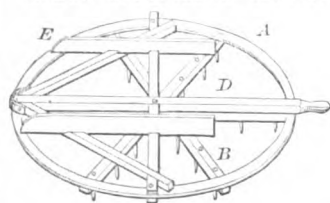
88297—G. Hunzinger—Chair.

88299—J. Jameson—For Making Iron  
and Steel.88298—G. Inwood—For Securing  
Bed Clothes.

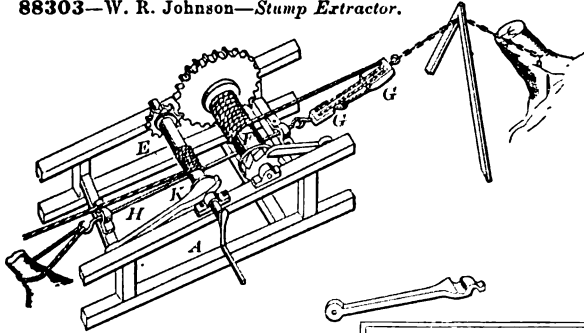
88302—Johnson &amp; Stiles—Railway Switch.



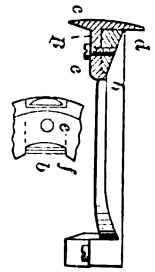
88301—J. D. Johnson—Harrow.



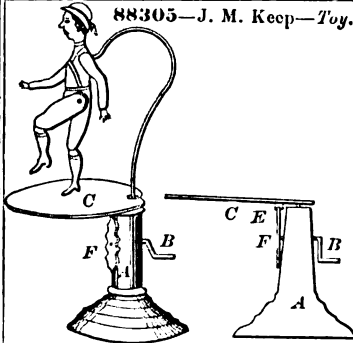
88303—W. R. Johnson—*Stump Extractor.*



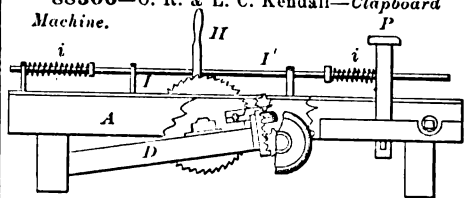
88304—J. Jorey—*Horse Shoe.*



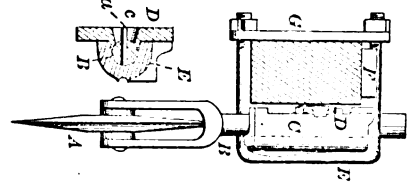
88305—J. M. Keep—*Toy.*



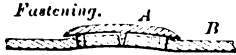
88306—O. R. & L. C. Kendall—*Clapboard Machine.*



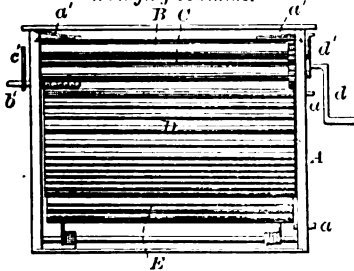
88309—J. Lane—*Plow Coulter.*



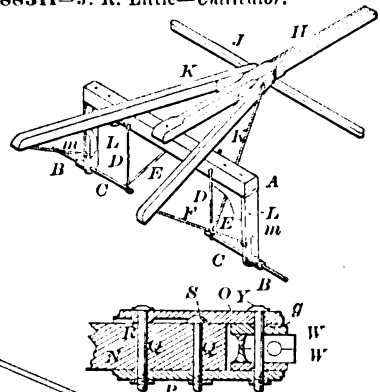
88307—Koeb & Houcke—*Belt Fastening.*



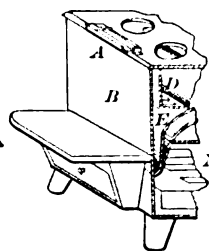
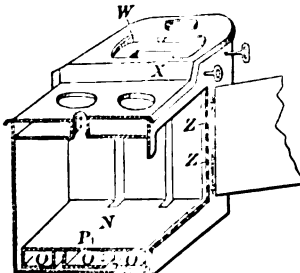
88308—J. Lamb—*Washing and Wringing Machine.*



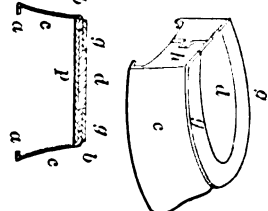
88311—J. R. Little—*Cultivator.*



88313—Marvin & Vose—*Store.*

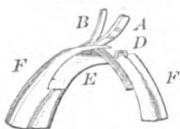


88310—R. Lapham—*Boot and Shoe Heel.*

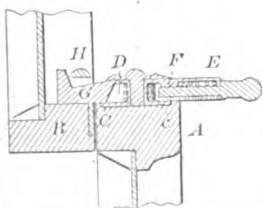




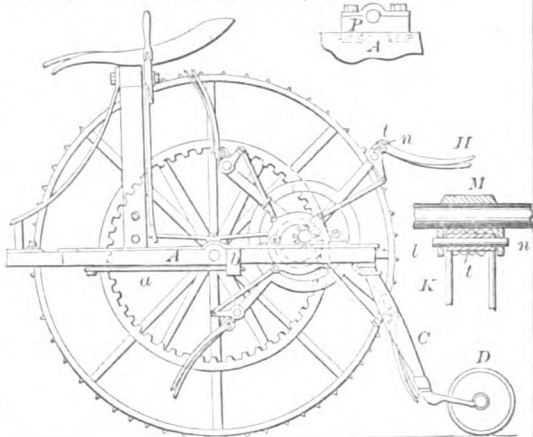
88312—J. C. Mahaffey —  
*Horse Collar.*



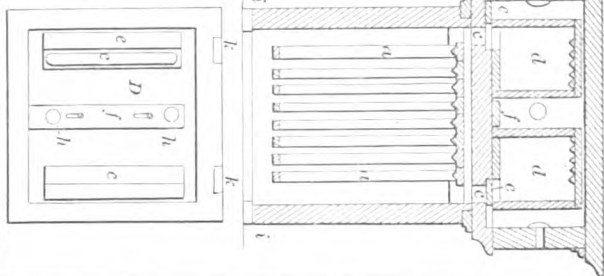
88318—McGregor & Voll—  
*Sash Lock.*



88314—N. F. Mathewson—*Hay Spreader.*



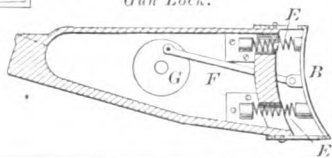
88315—T. F. McCafferty—*Beehive.*



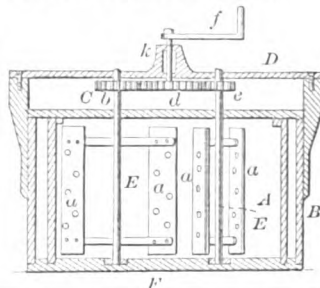
88317—McCarthy & Beck—  
*For Shearing Sheep.*



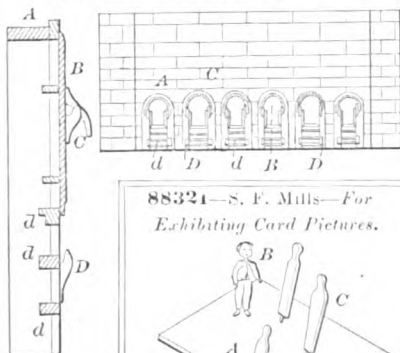
88319—J. C. Miller—  
*Gun Lock.*



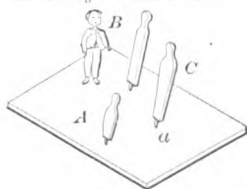
88320—M. B. Miller—*Churn.*



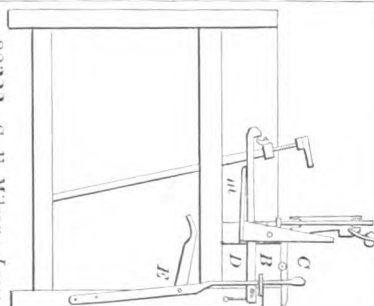
88316—J. M. McCarthy—*Brick Kiln.*



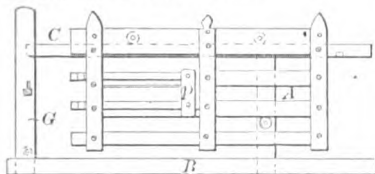
88321—S. F. Mills—*For  
Exhibiting Card Pictures.*



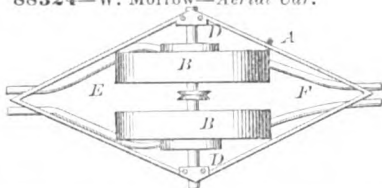
88322—G. E. Mitroy—*Loom.*



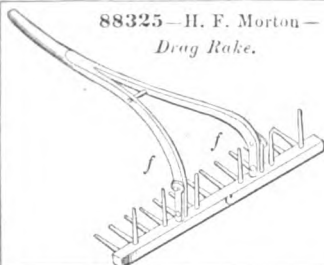
88323—A. T. Morris—Gate.



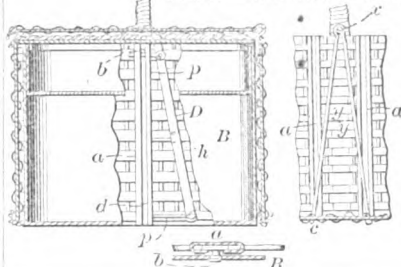
88324—W. Morrow—Aerial Car.



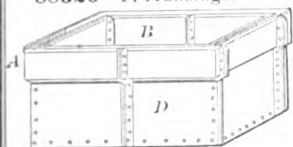
88325—H. F. Morton—  
Drag Rake.



88327—A. Norman—Basket.

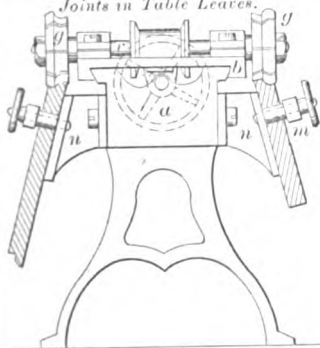


88326—P. Munzinger—

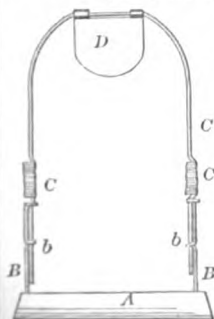


Gas Purifier.

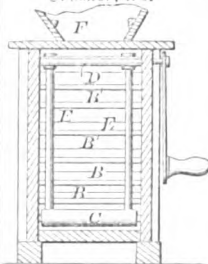
88331—J. Richards—For Making  
Joints in Table Leaves.



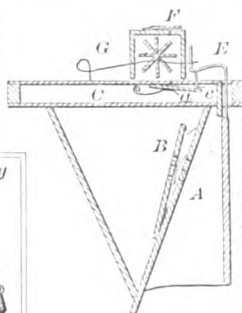
88335—F. W. Smith, Jr.—  
Croquet Wicket.



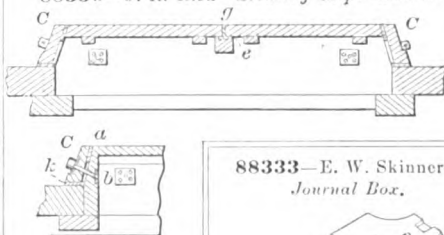
88329—  
T. C. Purington—Grape  
Crusher, &c.



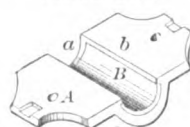
88328—L. J. Packard—For  
Musical Instruments.



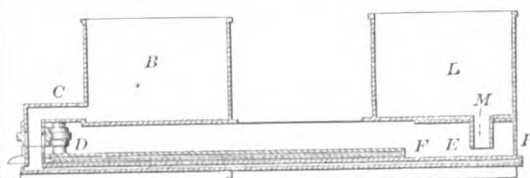
88330—J. R. Rich—Securing Ships' Hatches.



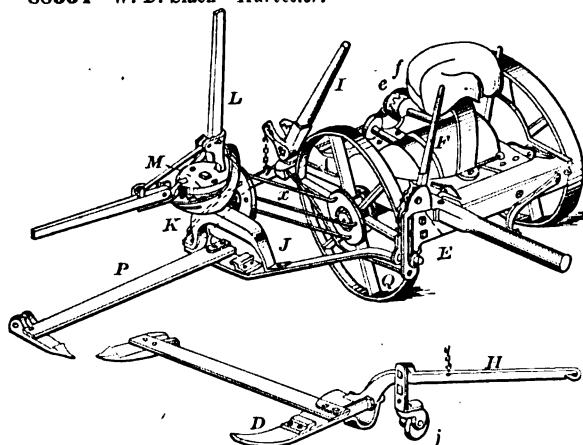
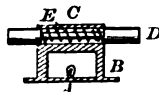
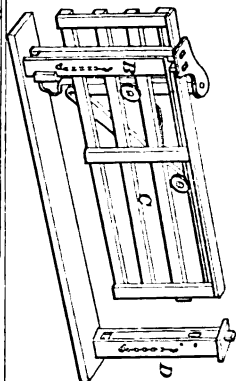
88333—E. W. Skinner—  
Journal Box.



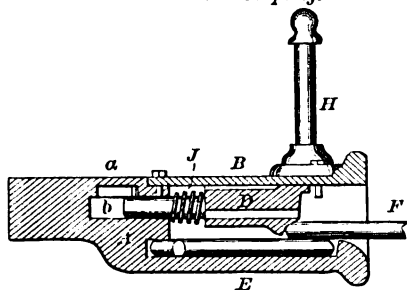
88332—C. L. Sabin—Milk Cooler.



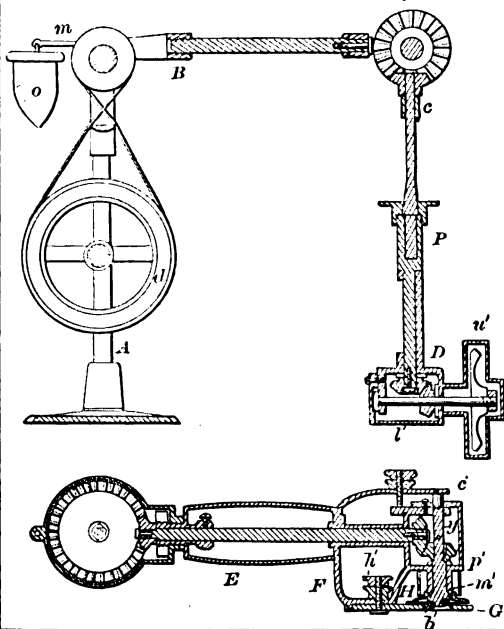
88334—W. D. Slack—Harvester.

88338—P. C. Smith—  
Watch Chain.88339—R. M. Smith—  
Farm Gate.

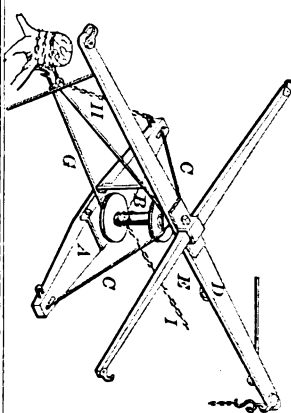
88337—O. L. Smith—Car Coupling.



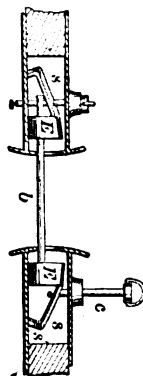
88340—Smith &amp; Priest—Animal Shearing Machine.



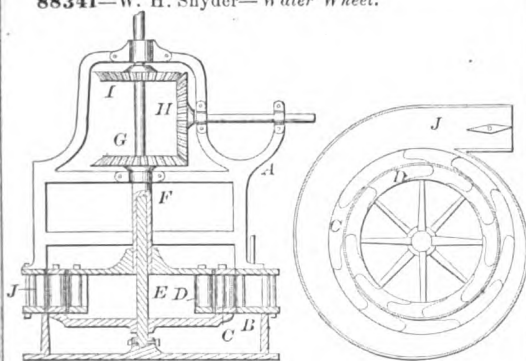
88336—H. Smith, 3d—Stump Extractor.



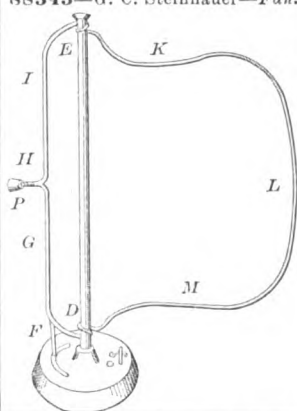
88342—H. Soggs—Car Coupling.



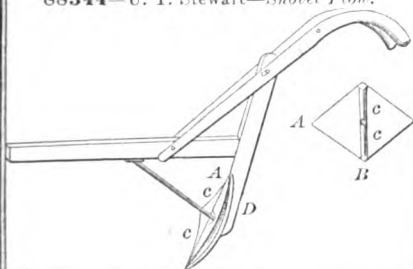
88341—W. H. Snyder—Water Wheel.



88343—G. C. Steinbauer—Fan.



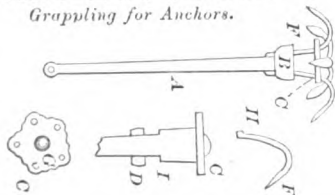
88344—U. T. Stewart—Shovel Pile.



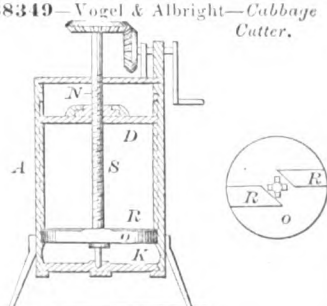
88345—J. Tiffany—Steam Generator.



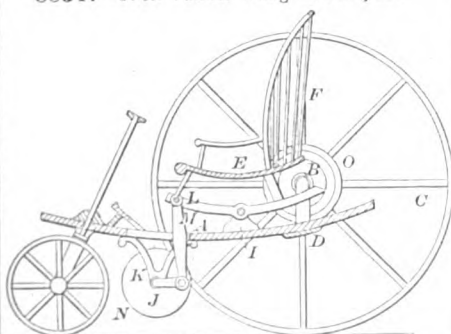
88346—A. S. & T. J. Trafton—Grappling for Anchors.



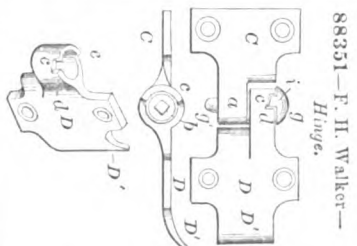
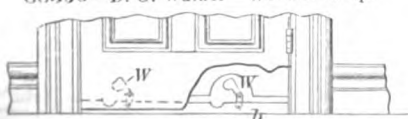
88349—Vogel & Albright—Cabbage Cutter.



88347—J. A. Vander Waag—Velocipede.

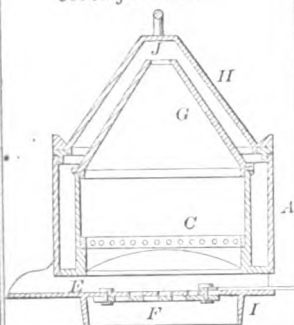


88350—D. G. Walker—Weather Strip.

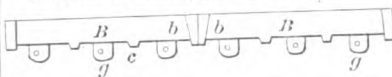


88351—F. H. Walker—Hinge.

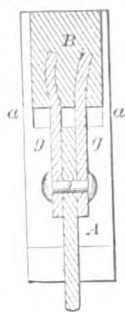
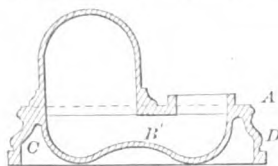
88352—R. H. Waldron—  
Cooking Furnace.



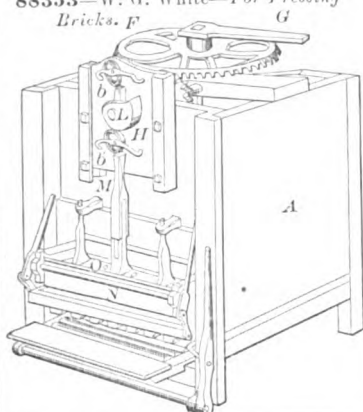
88355—J. Yocom, Jr.—Grate Bar.



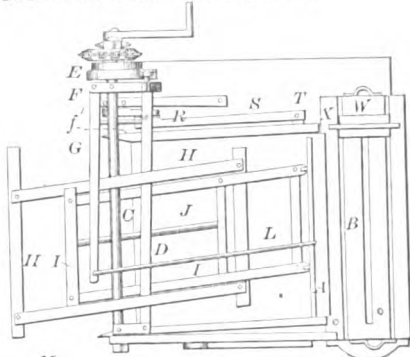
88354—H. Whitney—Forkstand.



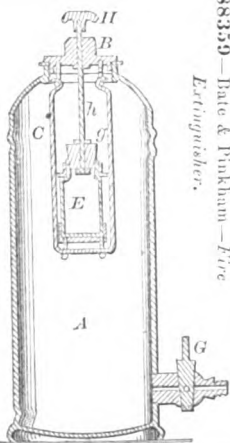
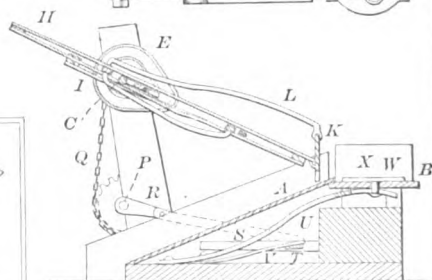
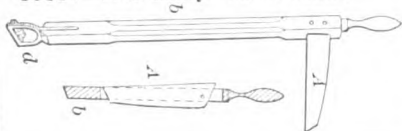
88353—W. G. White—For Pressing  
Bricks. F



88358—C. Barns—Harvester Rake.

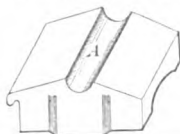


88357—S. R. Bailey—Cheese Cutter.

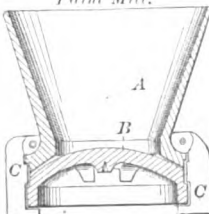


88359—Bate & Pinkham—Fire  
Extinguishers.

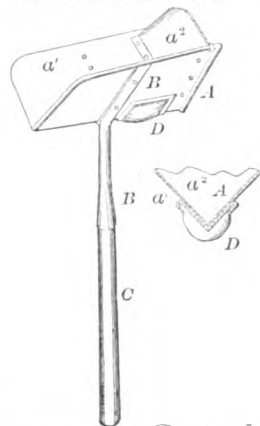
88356—A. B. Allen—  
Axle Box Bearing.

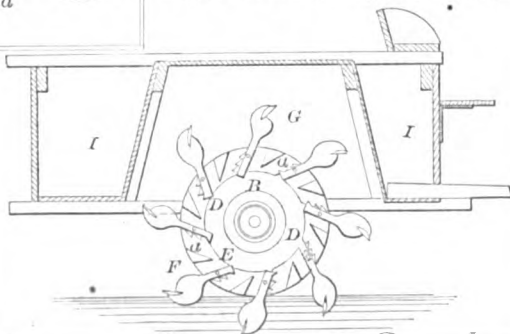
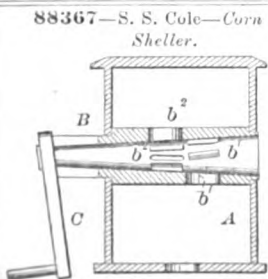
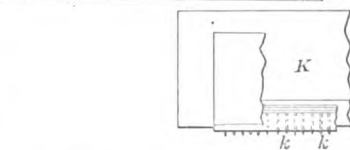
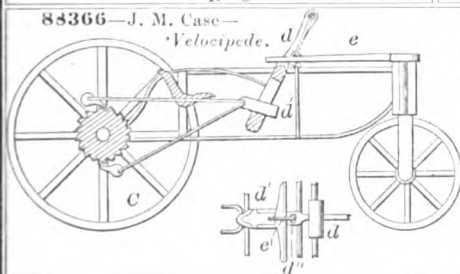
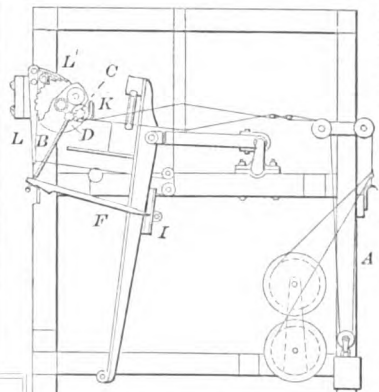
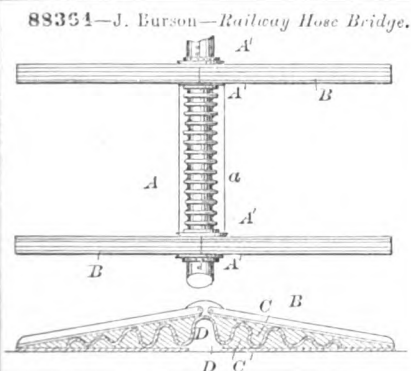
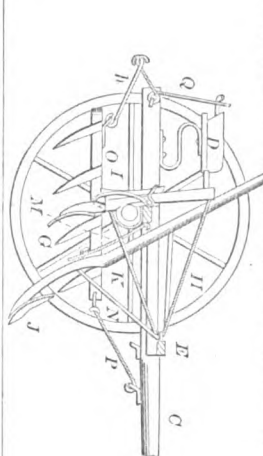
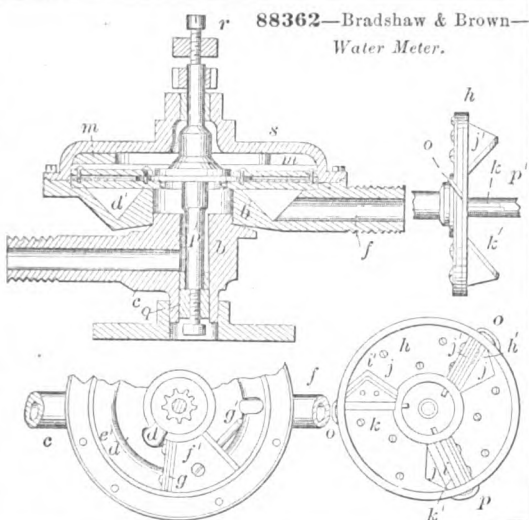


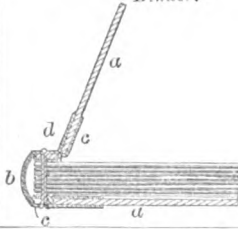
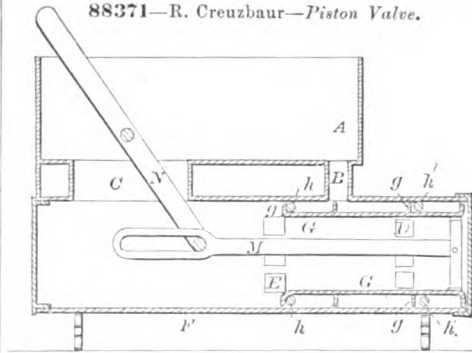
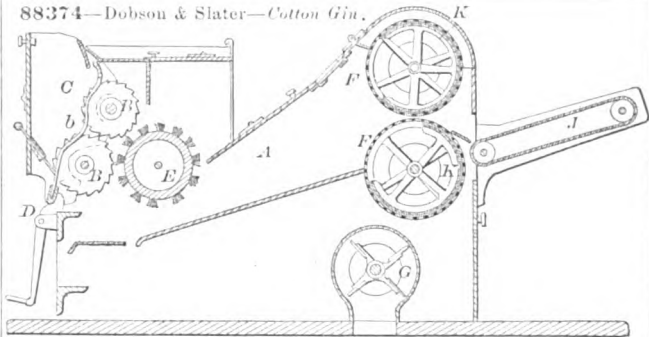
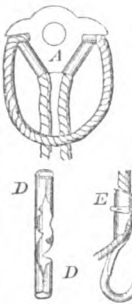
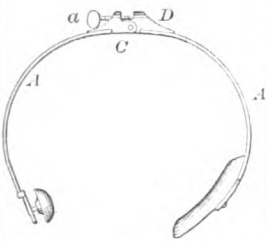
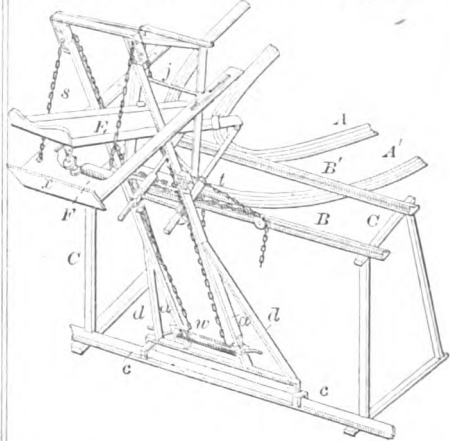
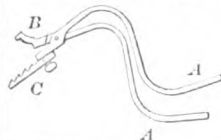
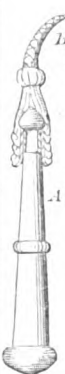
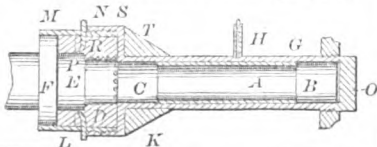
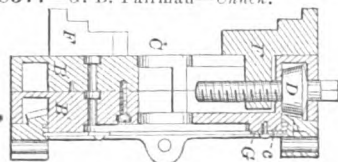
88360—J. A. Berrill—  
Point Mill.



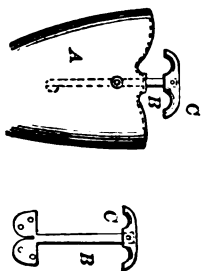
88361—Black, Hinkle & White—  
Brick and Mortar Hod.



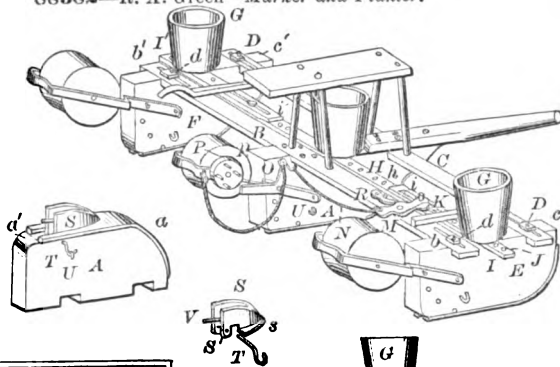


88369—L. B. Covert—*Music Binder.*88370—A. W. Cox—*Knife and Fork.*88371—R. Creuzbaur—*Piston Valve.*88374—Dobson & Slater—*Cotton Gin.*88373—K. d'Honnense—*For Adjusting Cords for Pictures, &c.*88372—L. P. Dayton—*Truss.*88379—E. F. Flood—*For Discharging Coal.*88378—Fisher & Mack—*Horse Shoe Nail Clincher.*88375—E. Easton—*Whip.*88376—T. H. Elder—*Carriage Axle.*88377—G. B. Fairman—*Chuck.*

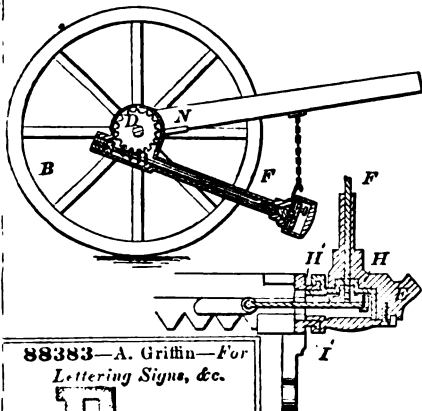
**88380**—D. Forrest—*Boot Strap.*



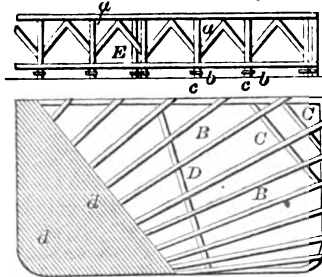
**88382**—R. A. Green—*Marker and Planter.*



**88381**—W. F. Goodwin—*Harvester.*



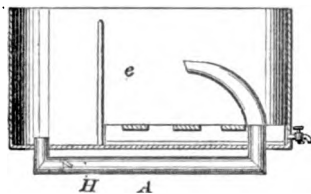
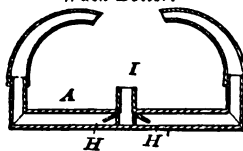
**88384**—T. Grob—*Acoustic Stage.*



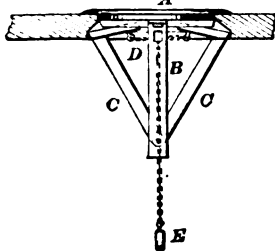
**88383**—A. Griffin—*For Lettering Signs, &c.*



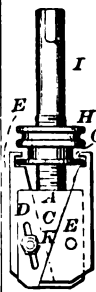
**88387**—Inman & Withington—*Wash Boiler.*



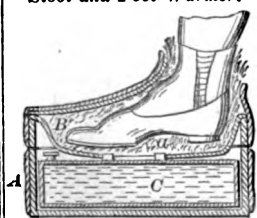
**88386**—Hoyt & Van Cleef—*Vault Cover.*



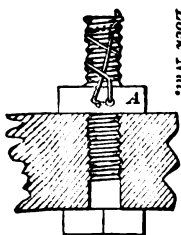
**88389**—H. James—*Reamer.*



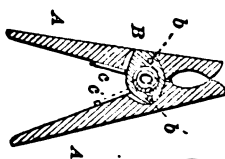
**88388**—J. Jacquet—*Foot Stool and Foot Warmer.*



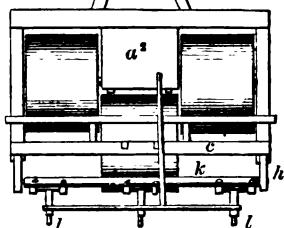
**88385**—J. W. Hilton—*Lock Nut.*



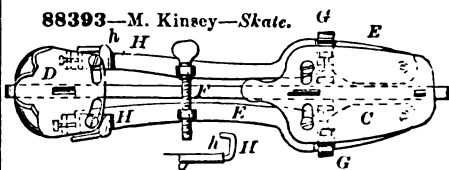
**88390**—P. Johnson—*Clothes Pin.*



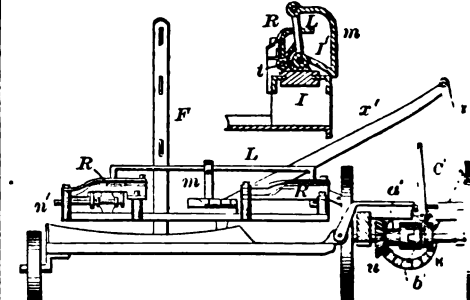


88391—E. O. Jones—Land  
Roller.

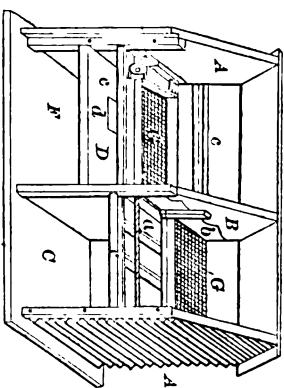
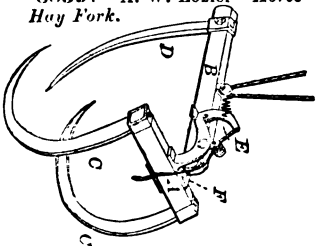
88393—M. Kinsey—Skate.



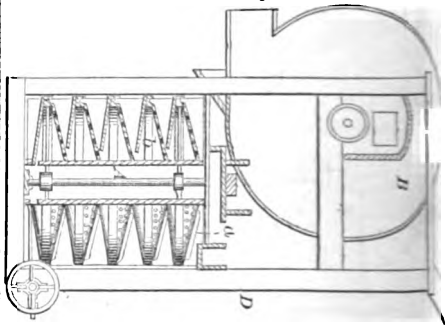
88394—C. Lidren—Harvester Rake.



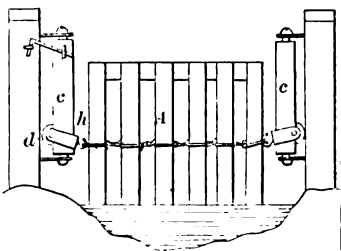
88395—W. Looftourow—Hay Dryer.

88397—A. W. Lozier—Horse  
Hay Fork.

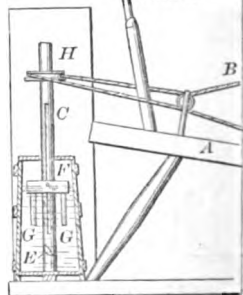
88396—L. Low—Grain Separator.



88398—A. Main—Flood Gate.



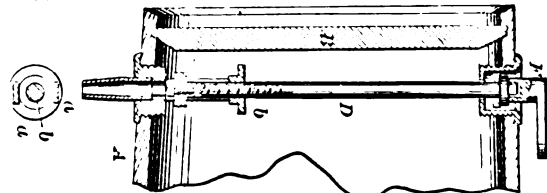
88399—M. A. McAfee—Churn.



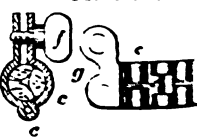
88400—B. W. M.—Horse Collar.

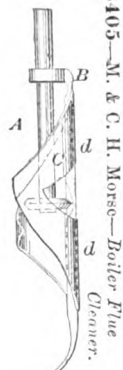


88402—J. W. McKee—Faucet.

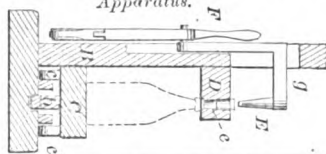


88403—A. F. M.—Cattle Fe.

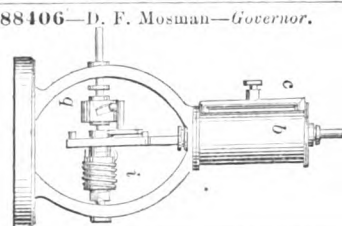




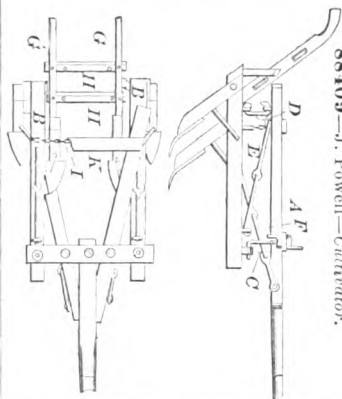
88405—M. & C. H. Morse—Boiler Flue Cleaner.



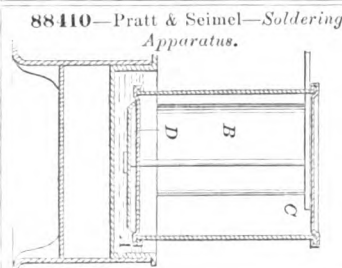
88404—G. Migliavacca—Bottle Corking Apparatus.



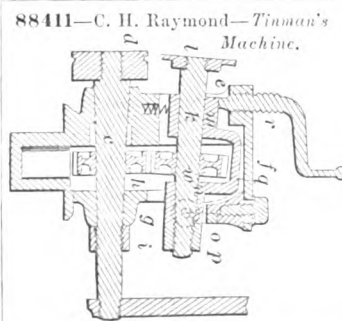
88406—D. F. Mosman—Governor.



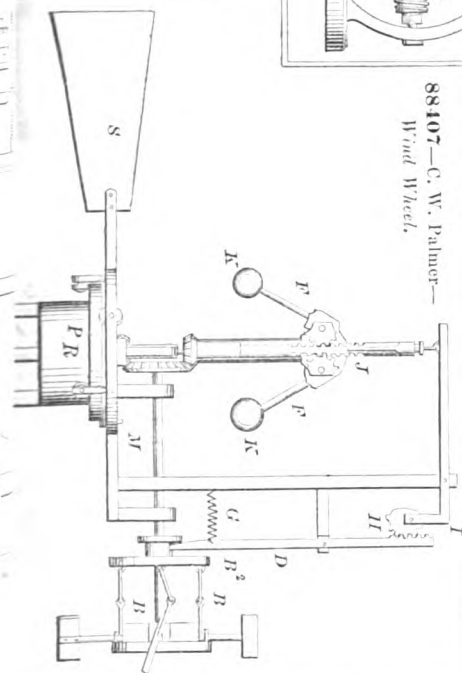
88409—J. Powell—Cultivator.



88410—Pratt & Seimel—Soldering Apparatus.

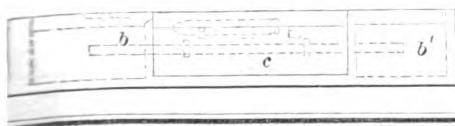
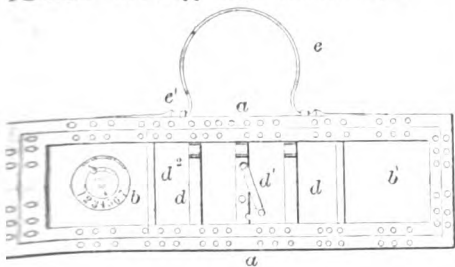


88411—C. H. Raymond—Tinman's Machine.

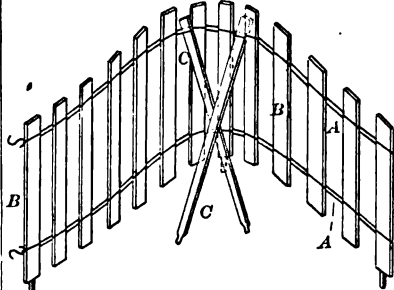


88407—C. W. Palmer—Wind Wheel.

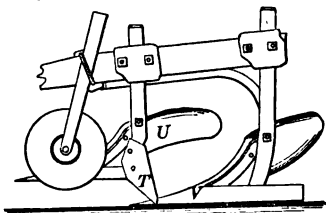
88408—A. Philipp—Cigar Ash Holder, &c.



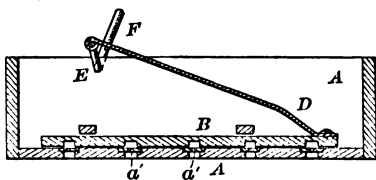
88412—J. Richard—Fence.



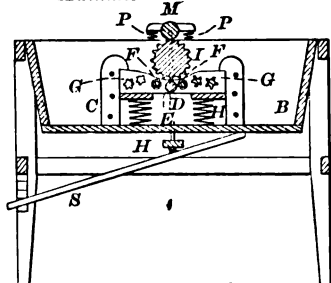
88414—J. G. Robinson—Plow.



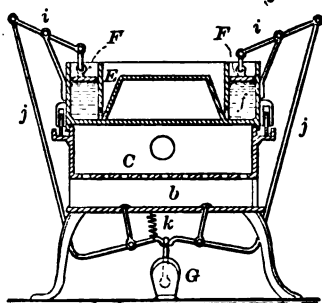
88416—M. Sackett—Seeder.



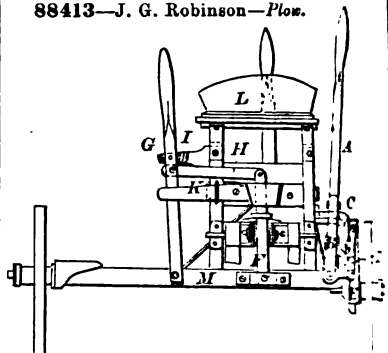
88418—A. Schlingman—Washing Machine.



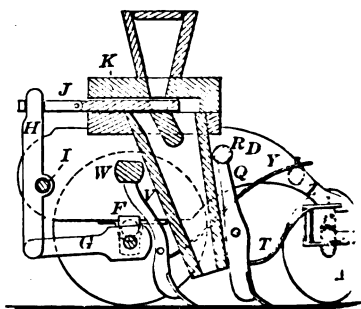
88419—C. Seimel—Soldering Furnace.



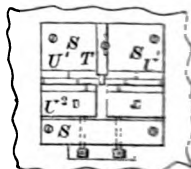
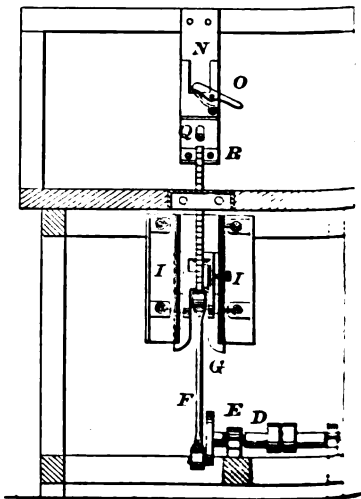
88413—J. G. Robinson—Plow.



88415—P. Rogers—Corn Planter.

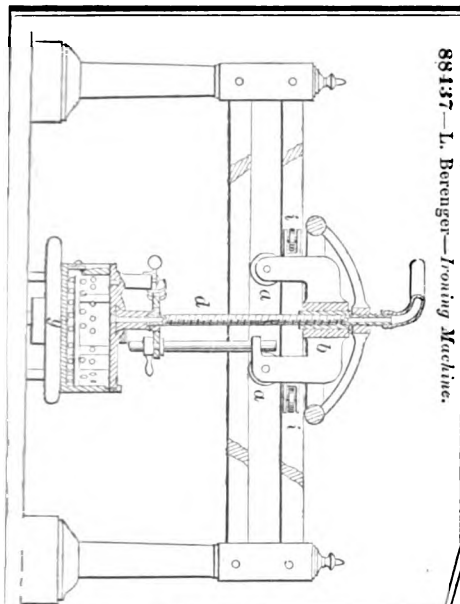


88417—A. M. Schilling—Sawing Machine.



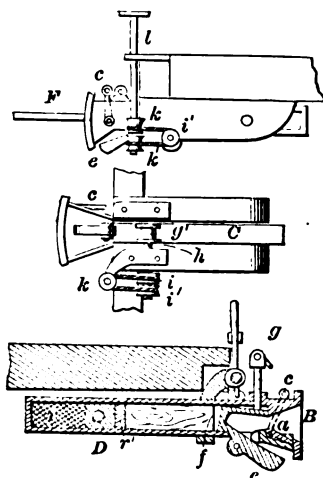




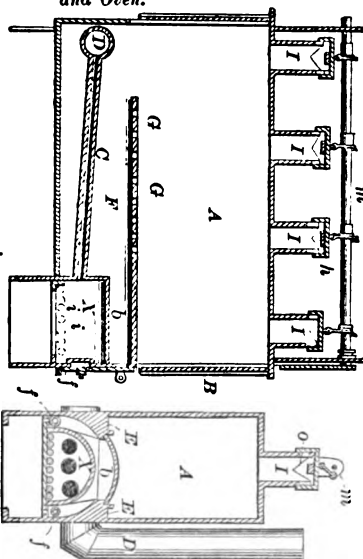


88137—L. Berenger—Ironing Machine.

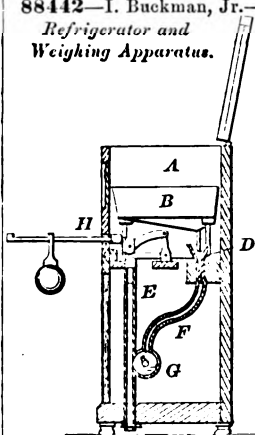
88440—W. L. Braddock—Car Coupling.



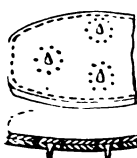
88441—J. K. Caldwell—Drying Furnace and Oven.



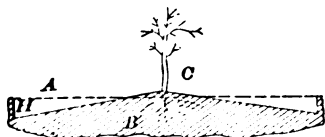
88442—I. Buckman, Jr.—Refrigerator and Weighing Apparatus.



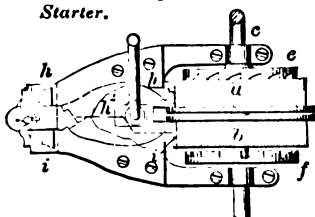
88443—G. W. Bradley—Spikes for Overhoes.



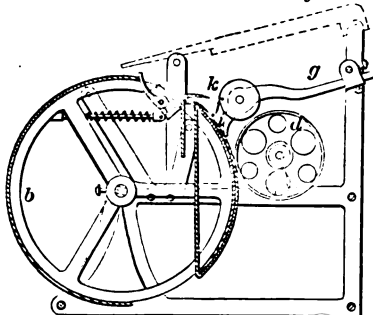
88445—S. N. Caldwell—Fence.



88447—R. R. Carpenter—Car Brake and Starter.

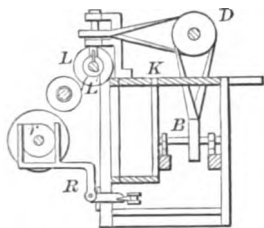
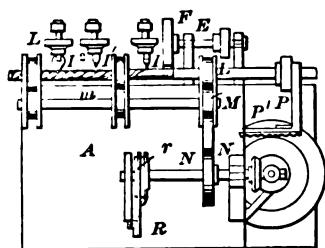


88448—W. H. Chandler—Printing Press.

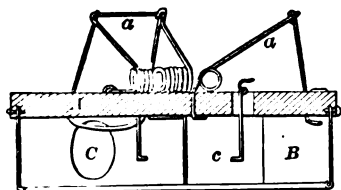




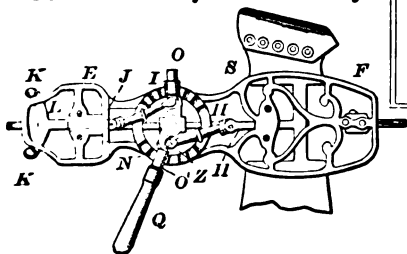
**88452—Collins & Castiel—*Lathe.***



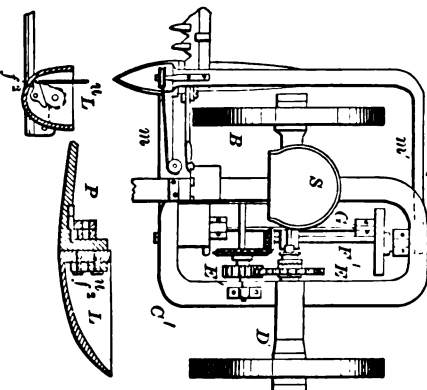
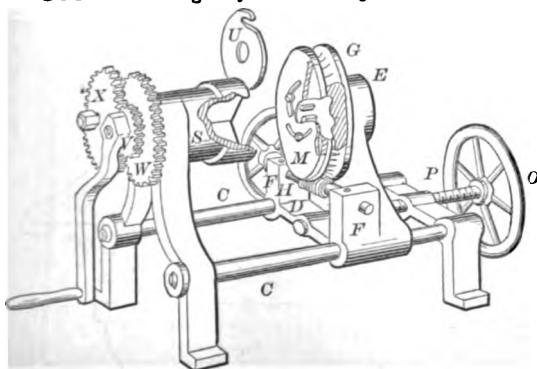
**88456—A. G. Davis—*Trap.***



**88459—P. Dooley—*Skate Fastening.***

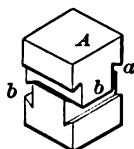
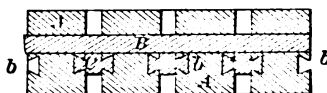


**88460—J. Dougherty—For Cutting Screws.**

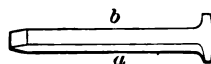


**88453—Coolman & Young—Harcaster.**

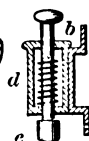
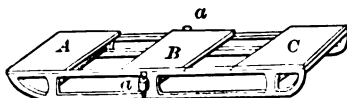
**88455—J. R. Cushier—*Pavement.***



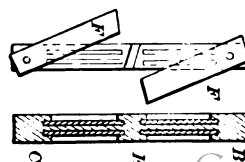
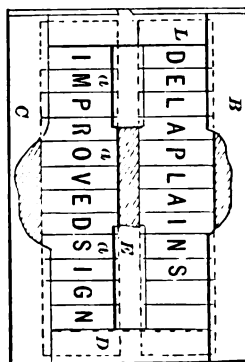
**88454—J. M. Cooper—Nail.**



88457—C. de Bodisco—Sled.

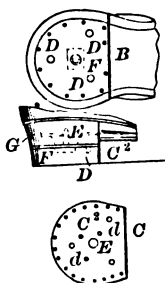


88458—W. P. Delaplaine—Sign.

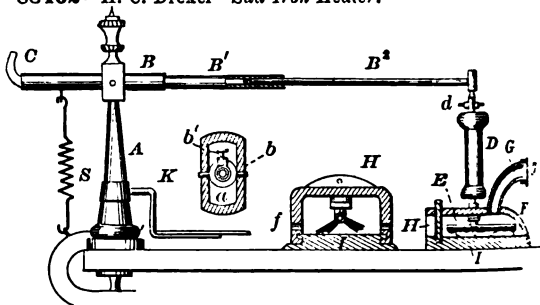




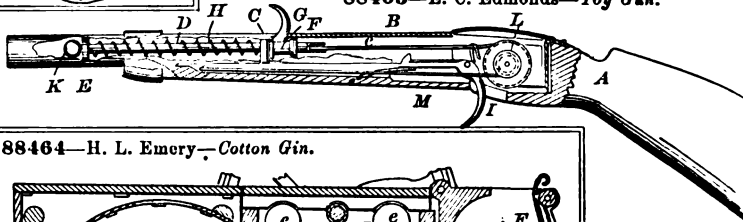
88461—W. T. Downs—Heel.



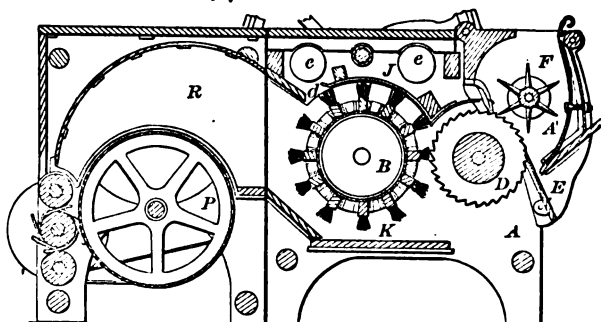
88462—H. C. Drexel—Sad Iron Heater.



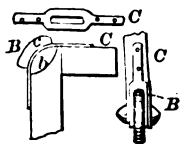
88463—E. C. Edmonds—Toy Gun.



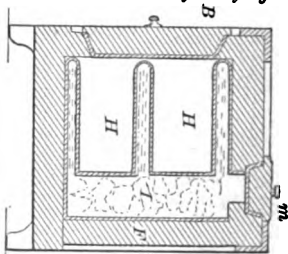
88464—H. L. Emery—Cotton Gin.



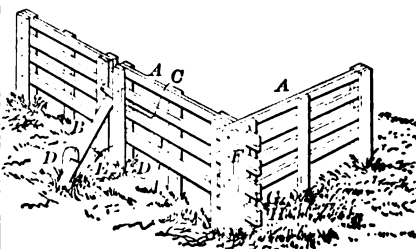
88467—J. H. French—Slate Frame.



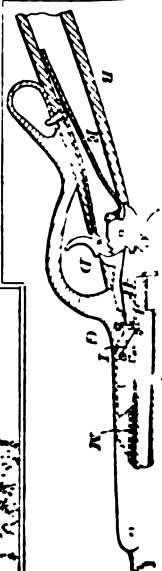
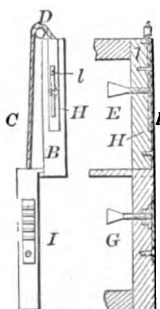
88468—R. S. Godfrey—Refrigerator.



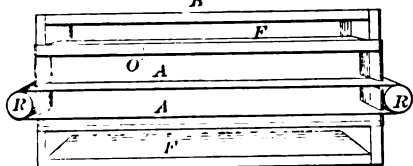
88469—W. P. Goff—Fence.



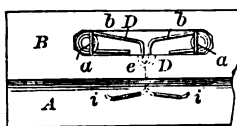
88471—L. Goodwin—Stock Balance.



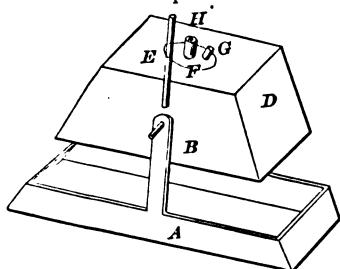
88472—G. Y. Gray—Oren.  
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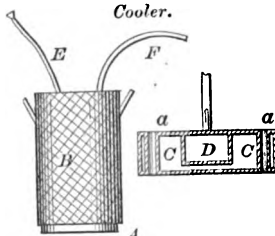
88473—A. J. Harmon—Weather Strp.



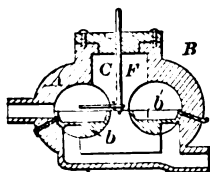
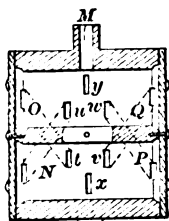
88474—J. Harper—Churn.



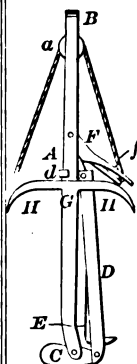
88476—L. T. Hawley—Milk Cooler.



88475—J. Harris—Meter.



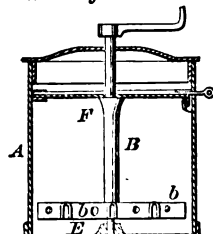
88477—G. W. Heath—Horse Hay Fork.



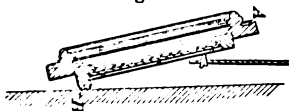
88481—E. Hitt—Wagon Seat.



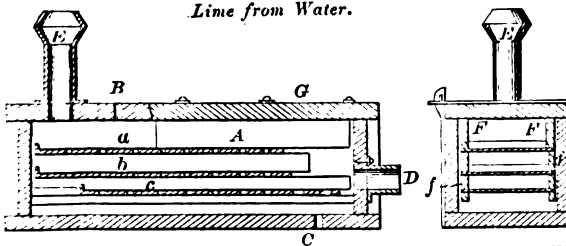
88478—C. W. Hermance—Washing Machine.



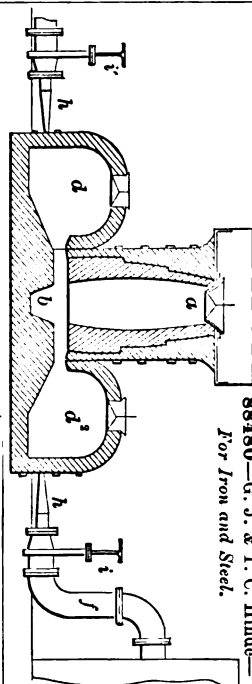
88482—C. A. Hodgman—Picture Frame.



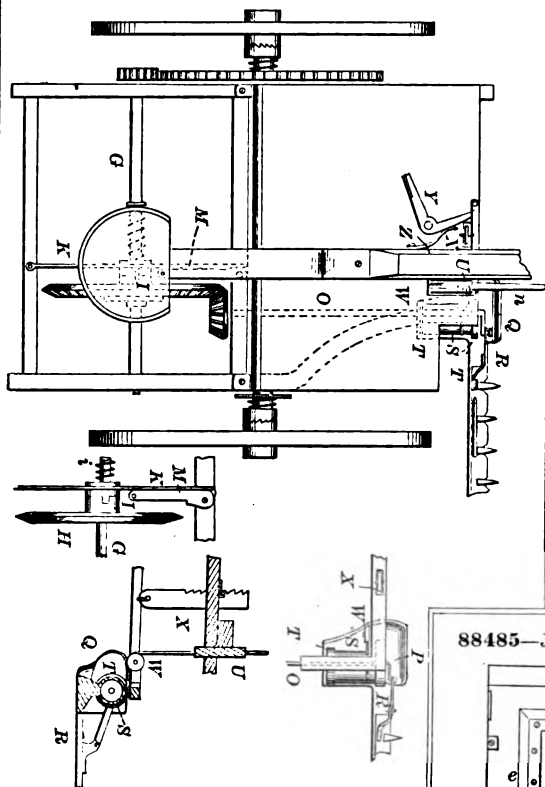
88484—Jackson & Davis—For Heating and Separating Lime from Water.



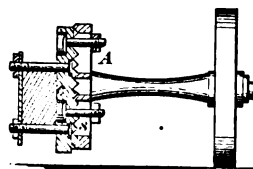
88480—G. J. & T. C. Hinde—For Iron and Steel.



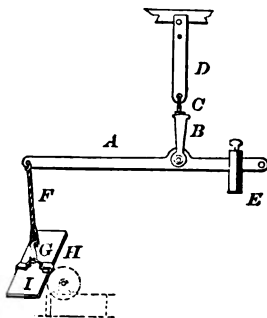
**88483—G. M. Jackson—*Harvester.***



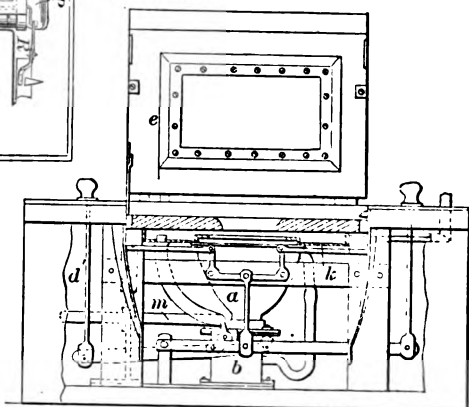
**88486—W. L. Jeffries—**  
*Plow Carriage.*



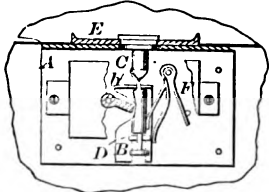
88487—T. Jones—*For Holding Plates of Glass.*



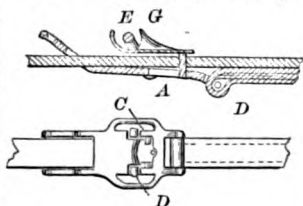
88485—James & Drewett—*Water Closet.*



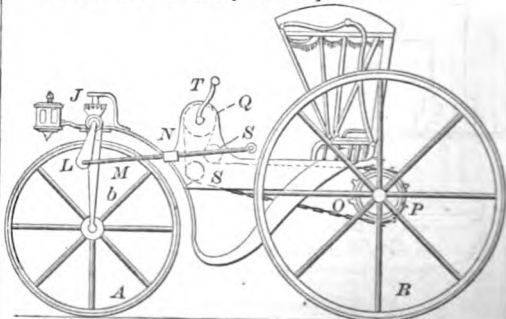
88488—R. J. Jordan—*Piano Lock.*



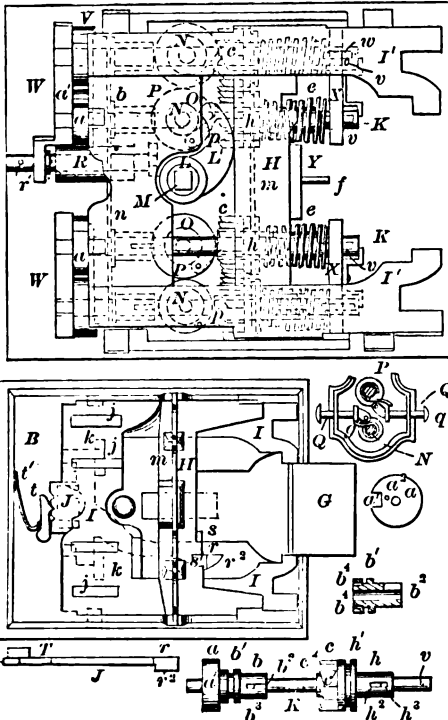
88489—E. M. Kinne—*Buckle*.



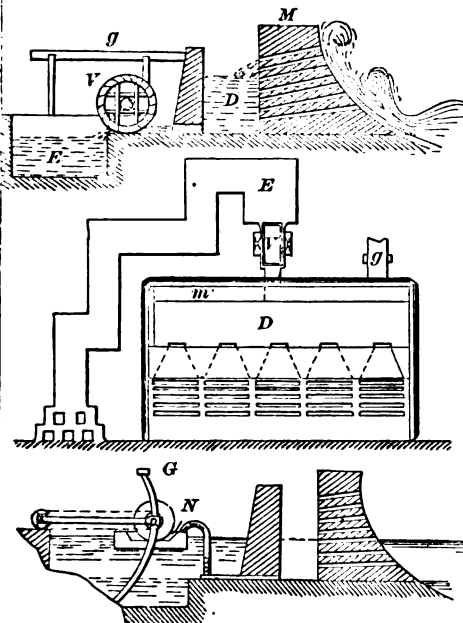
88492—H. W. Libbey—*Velocipede*.



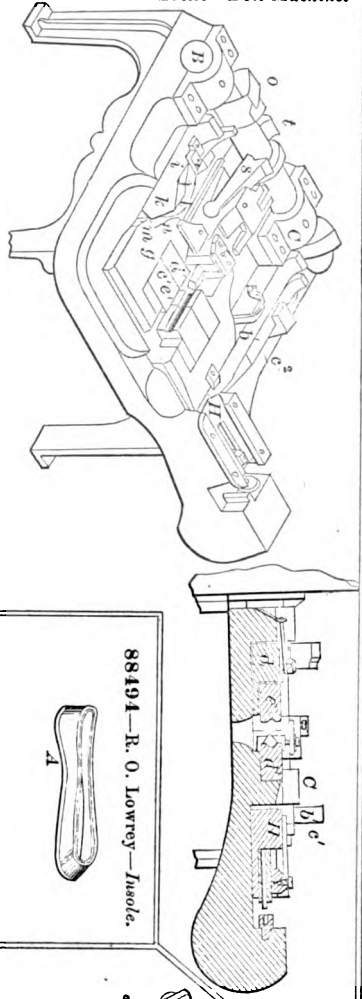
**88490—H. S. Leland—*Lock.***



**88491—J. R. Leon—*Tide Power.***



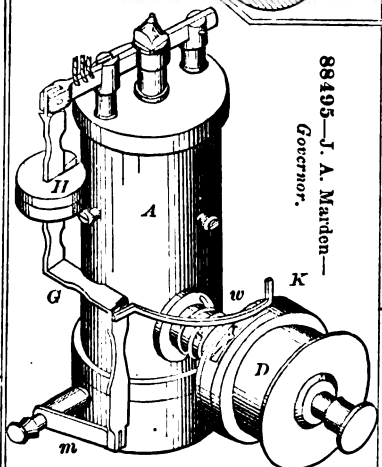
88493—E. B. Locke—*Bolt Machine.*



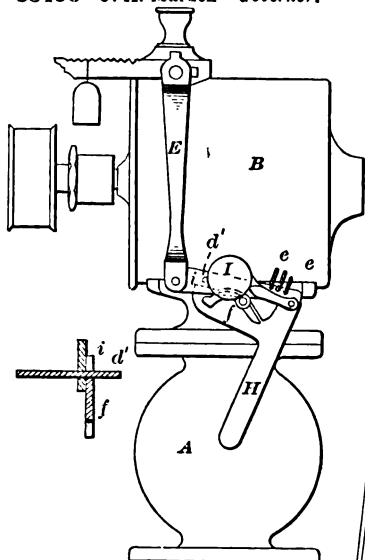
88494—R. O. Lowrey—*Insole*.



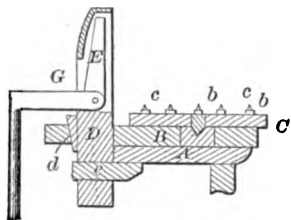
88495—J. A. Marden—  
Governor.



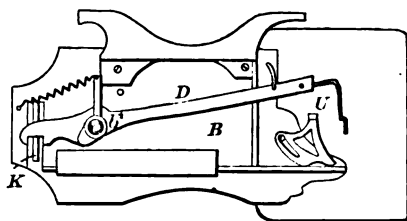
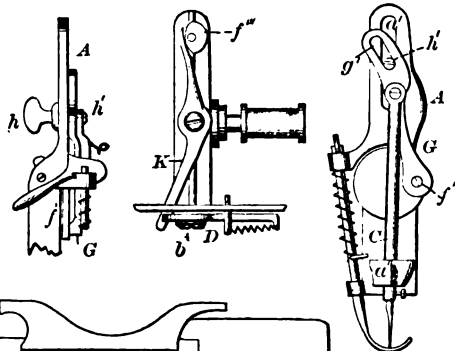
88496—J. A. Marden—Governor.



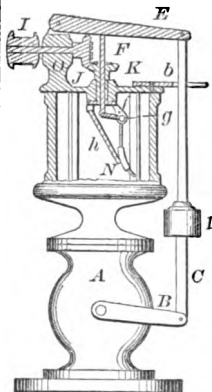
88500—W. A. McDonald—Cheese Cutter.



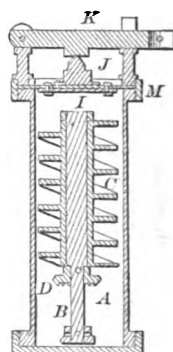
88499—J. N. McLean—Sewing Machine.



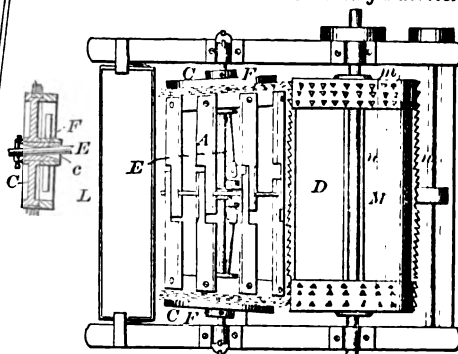
88497—J. A. Marden—Governor.



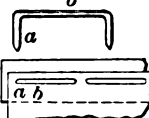
88498—Marden &amp; Abbott—Governor.



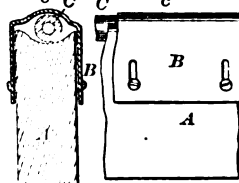
88505—I. E. Palmer—For Stretching Fabrics.



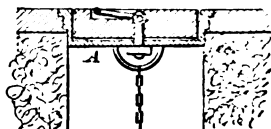
88501—P. Miles—Curtain and Carpet Fastening.



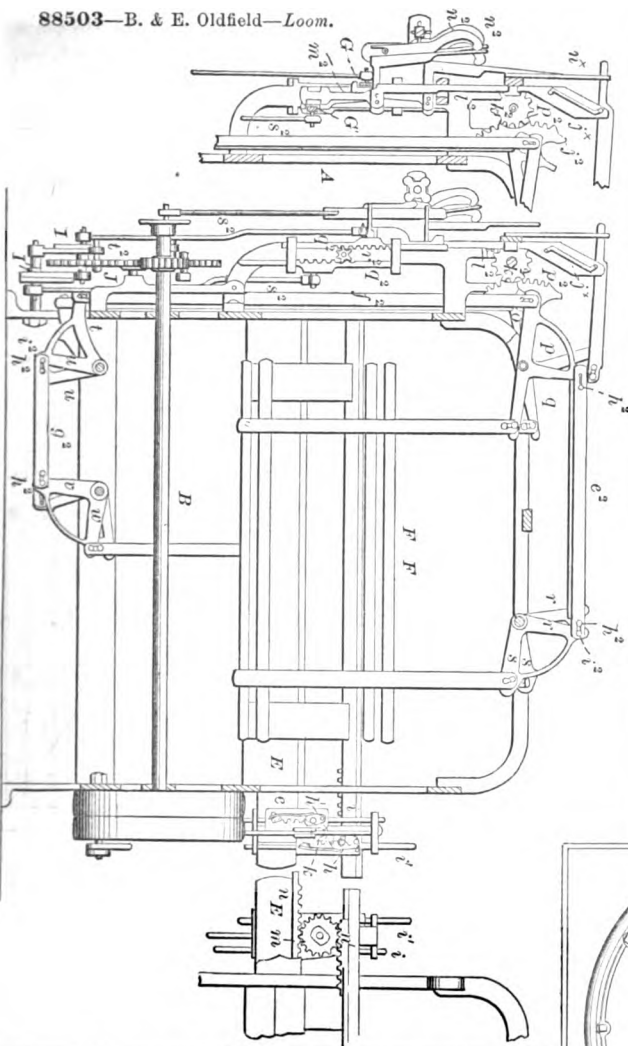
88502—J. H. Morris—Door Sill.



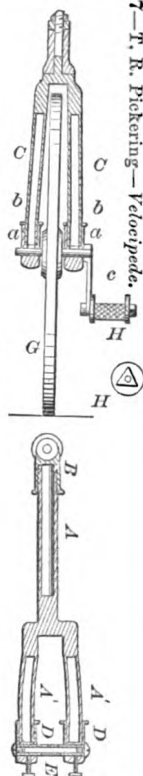
88504—G. H. Palmer—Vault Cover.



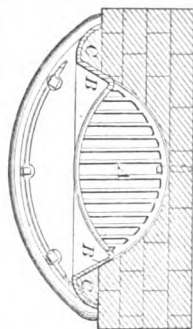
88503—B. & E. Oldfield—Loom.



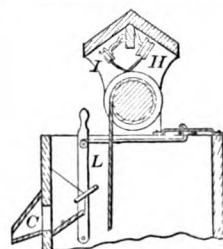
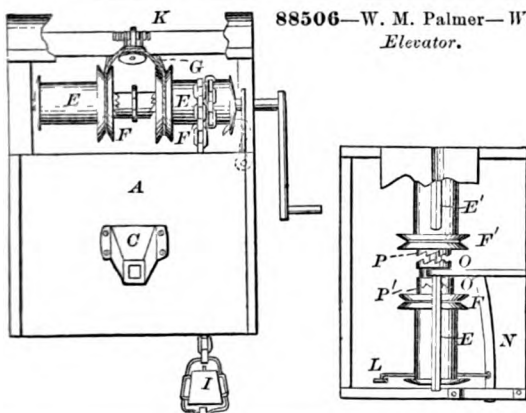
88507—T. R. Pickering—Velocitypede.

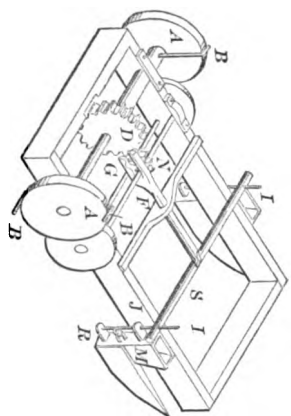


88509—C. S. Rankin—Fireplace.



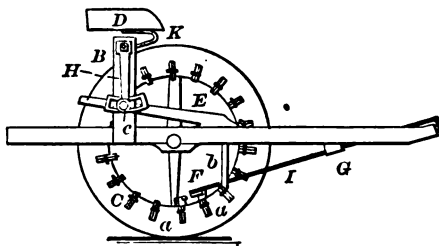
88506—W. M. Palmer—Water Elevator.



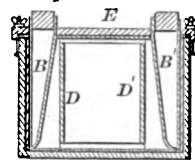


88508—N. M. Powers—Corn Planter.

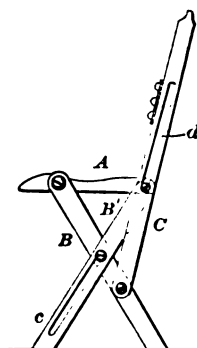
88511—Ripley &amp; Temple—Harvester.



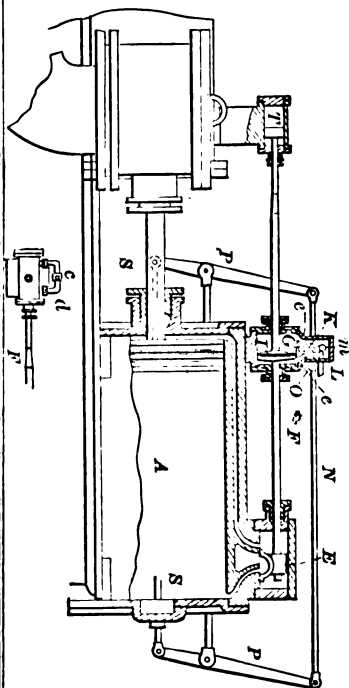
88510—A. G. Reed—Corpee Preserver.



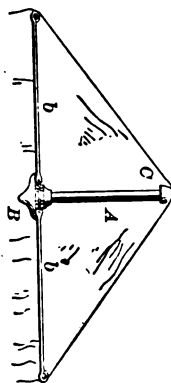
88513—A. M. Rodgers—Chair..



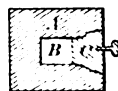
88512—W. N. Roberts—Pump.



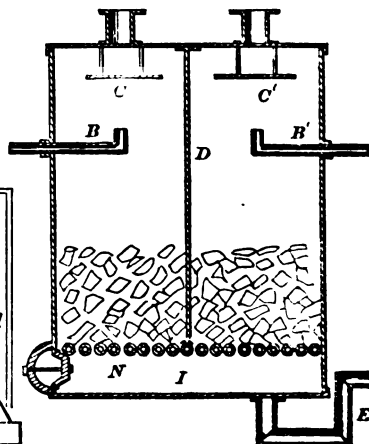
88514—S. &amp; J. Roebuck—Mosquito Canopy.



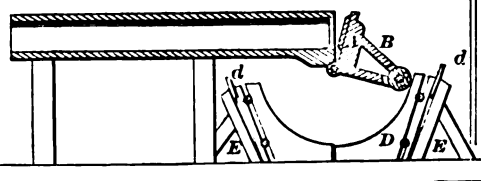
88521—Sherwood &amp; Fitzgerald—Safe.



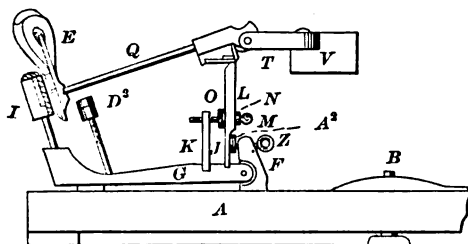
88520—R. Salter—Gas Cooler and Washer.



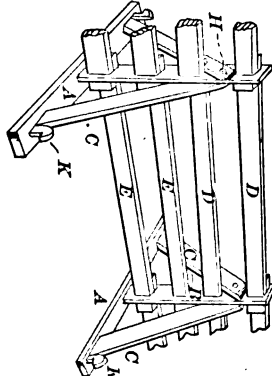
88517—R. W. Russell—Steam Fibre Gun.



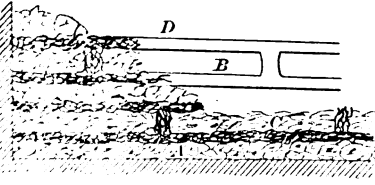
88522—D. H. Shirley—Piano Forte Action.



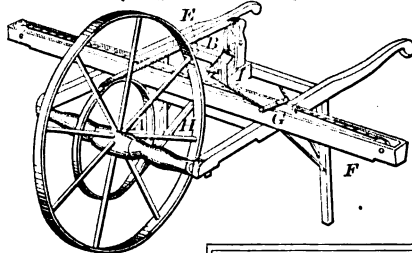
88523—S. C. H. Smith—Fence.



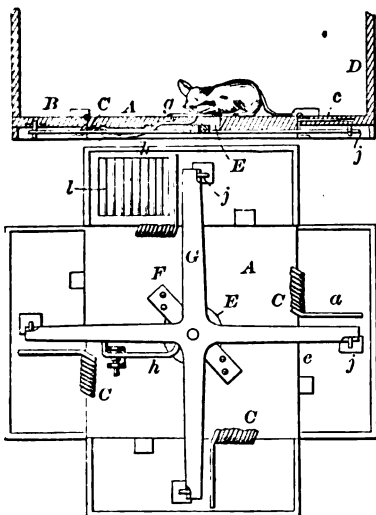
88524—R. S. Stenton—For Steel.



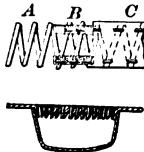
88525—H. Springer—For Sowing Grass Seed.



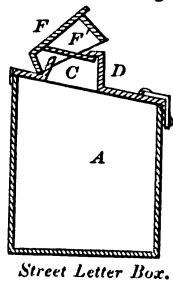
88526—J. J. St. Ledger—Trap.



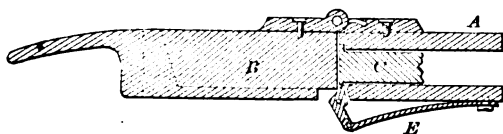
88527—C. C. Stremme—Hat Ventilator.



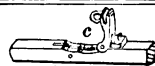
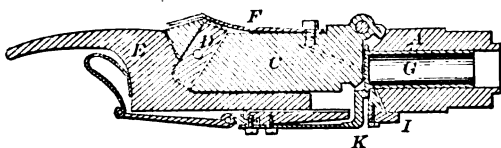
88528—S. Strong—



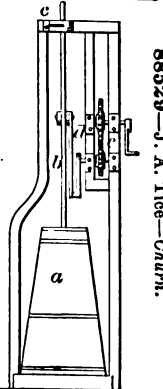
88530—A. L. Varney—Fire Arm.



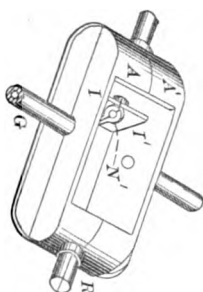
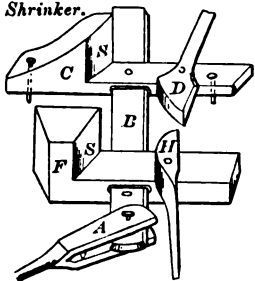
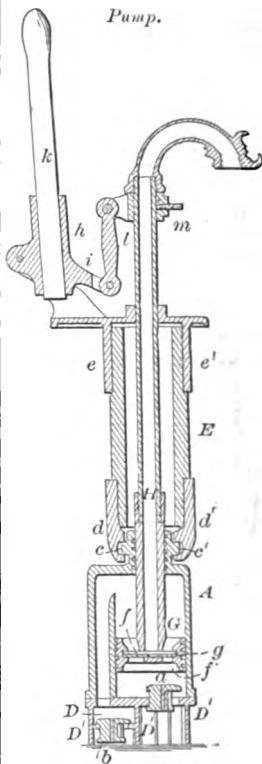
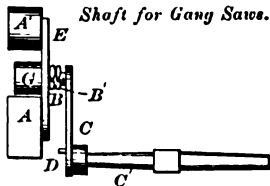
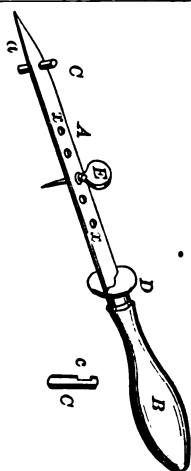
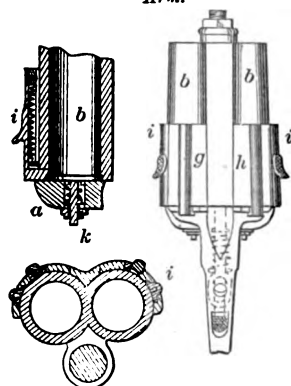
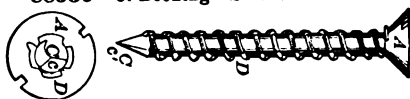
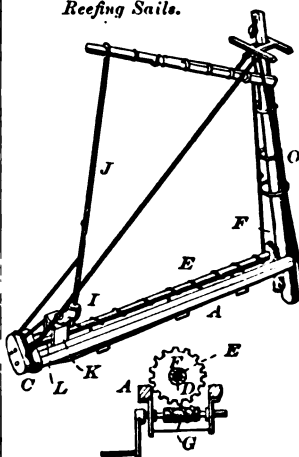
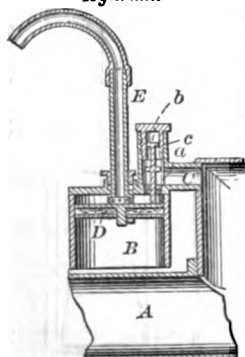
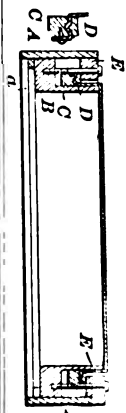
88531—A. L. Varney—Fire Arm.



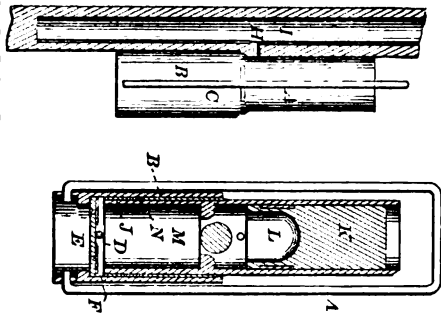
88529—J. A. Tice—Churn.





88534—J. Adkins—*Tire Shrinker.*88533—G. W. N. Vost—*Harvester.*88538—A. C. Blethen—*Pump.*88535—A. P. Barlow—*Rock Shaft for Gang Saws.*88536—F. G. Beach—*Can Opener.*88540—Boyd & Tyler—*Fire Arm.*88539—C. Locking—*Screw.*88543—R. Chambers—*For Reefing Sails.*88542—S. G. Cabell—*Hydrant.*88541—L. Brown—*Banjo.*88544—N. S. Clement—*Table Cutlery.*

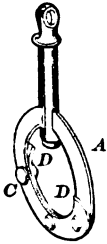
**88552—J. C. Crawford—*Pump.***



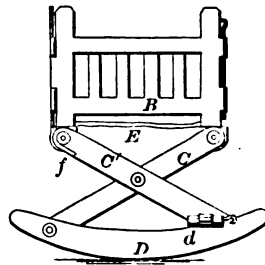
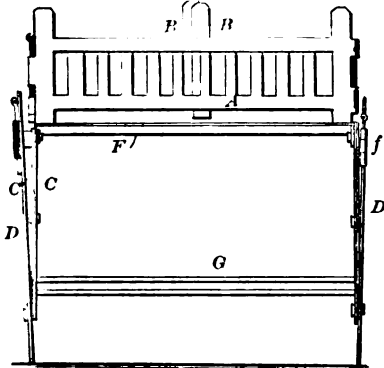
**88551—C. Coti—Edge Plane for  
Boot Soles.**



**88550—G. M. Cooper—Seal Lock.**



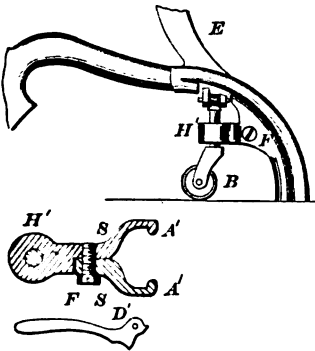
**88553**—E. N. Cutter—*Crib.*



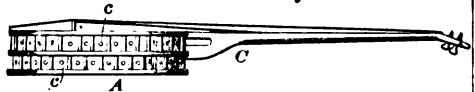
88536—G. Draper—*Spindle Step for*  
*Cotton Spinning Machines.*



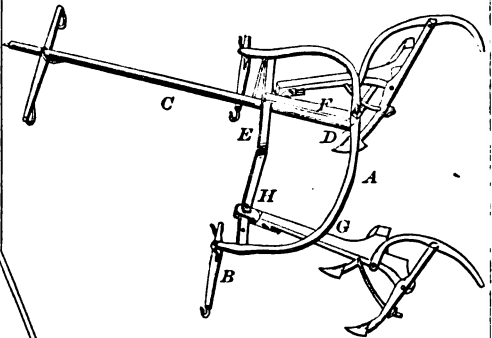
**88558—W. P. Elliott—Caster.**



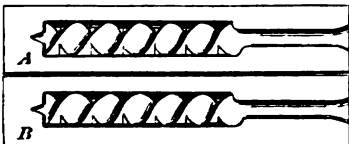
88555—F. P. Dobson—*Banjo*.



**88557—M. Eicholtz—Cultivator.**



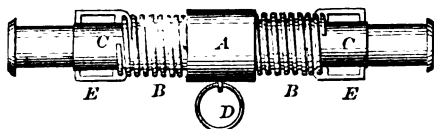
**88559—Evans & Hayden—For  
Casting Augers.**



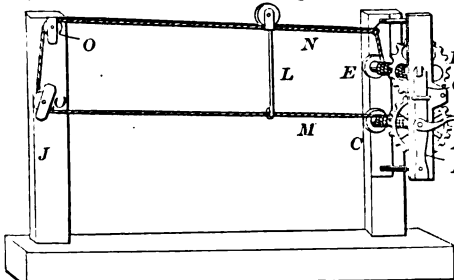
**88560—O. V. Flora—Wrench.**



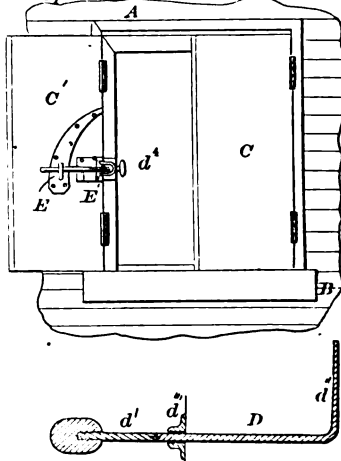
88562—H. E. Goble—Neck Yoke.



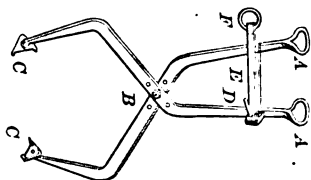
88566—E. Hause—Clothes Dryer.



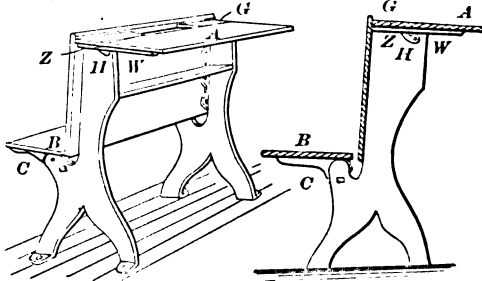
88565—G. A. &amp; J. B. Harris—Shutter Operator and Fastener.



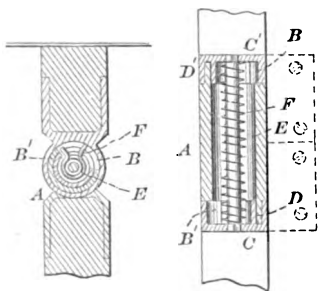
88564—E. Grosjean—Barrel Truck.



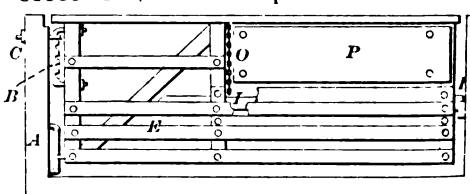
88563—G. H. Grant—School Desk and Seat.



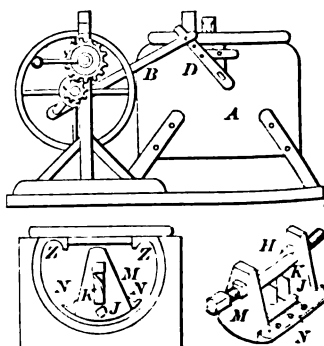
88567—V. S. Herzog—Hinge.



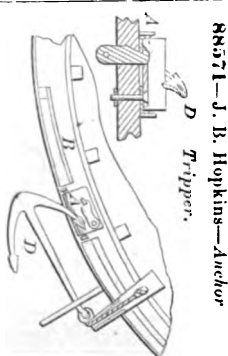
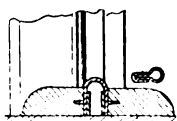
88569—Hill, Ostrander &amp; Spink—Farm Gate.



88568—C. Hess—Churn.

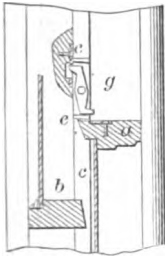


88572—J. Johnston—Weather Strip.

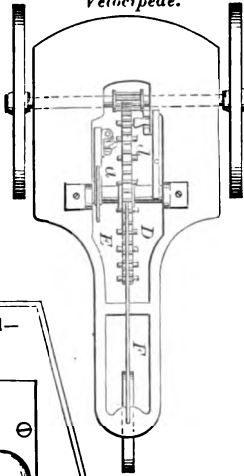


88571—J. B. Hopkins—Anchor Tripper.

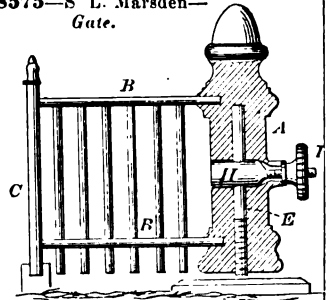
88573—M. Judd—  
Sash Holder.



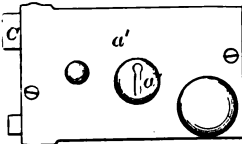
88574—W. Lindon—  
Velucipede.



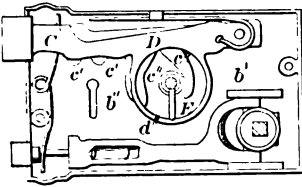
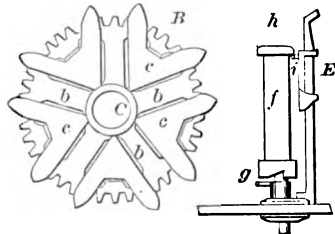
88575—S. L. Marsden—  
Gate.



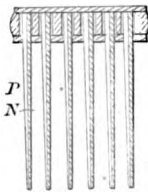
88577—R. McDowell—  
Door Lock.



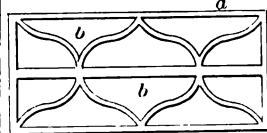
88576—G. Mason—For Braiding.



88582—H. M. Paine—  
Comb.

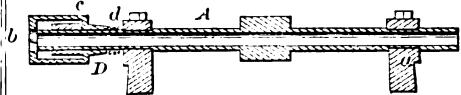


88578—I. S. Miller—

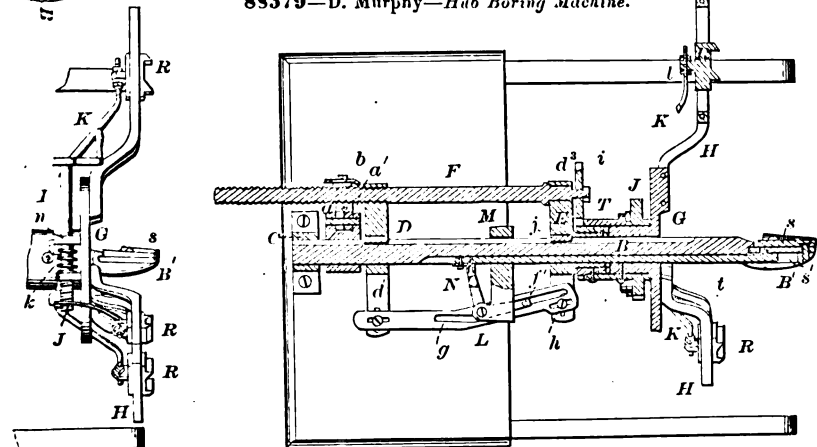


For Building Fronts.

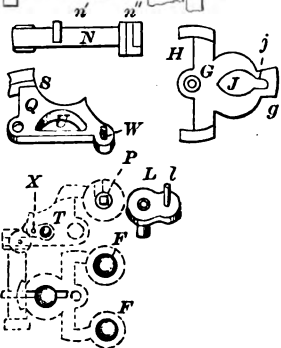
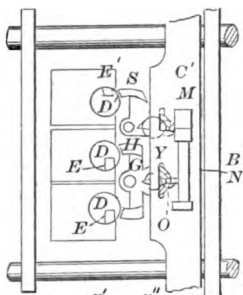
88580—C. G. Nye—Teasel Trimmer.



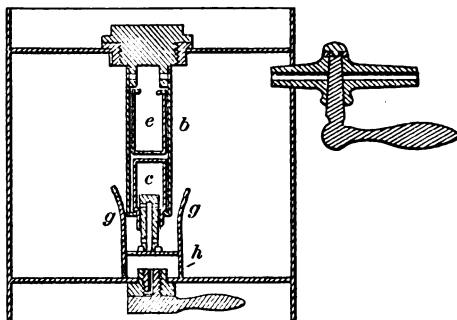
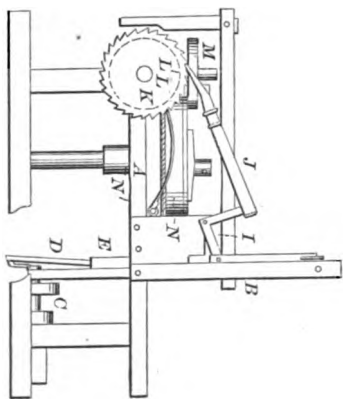
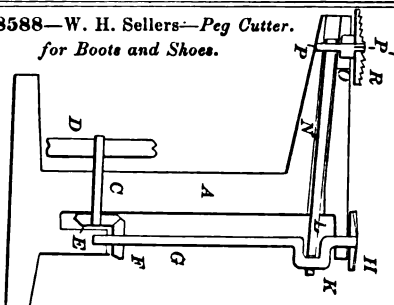
89579—D. Murphy—Hub Boring Machine.



88581—D. O. Paige—Lock.

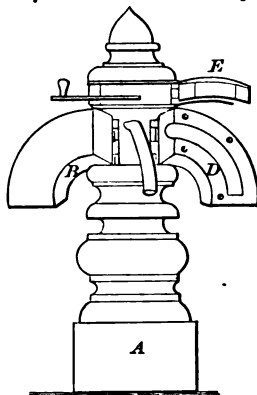


88583—W. M. Parker—Fire Extinguisher.

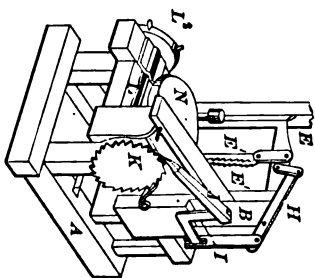
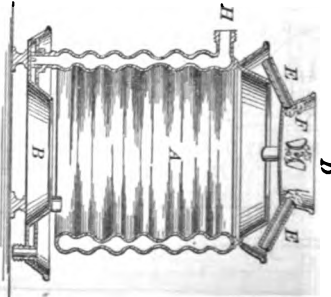
88588—W. H. Sellers—Peg Cutter.  
for Boots and Shoes.

88586—J. Rice—Felloe Sawing Machine.

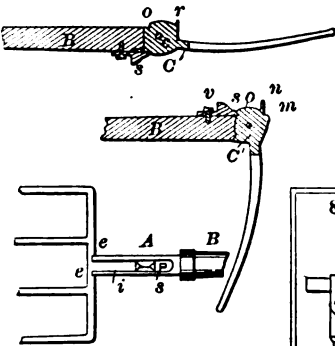
88589—J. W. Slocum—Hydrant

88587—J. Schlichting—Bookbinders'  
Head Band.

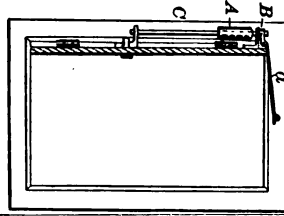
88584—Pietsch &amp; Walter—Beer Cooler.



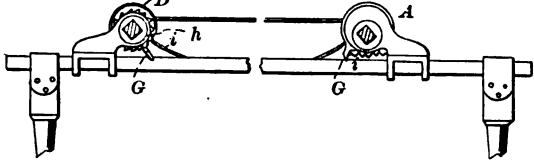
**88591—B. L. Tibbetts—Hoe and Fork.**



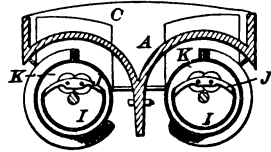
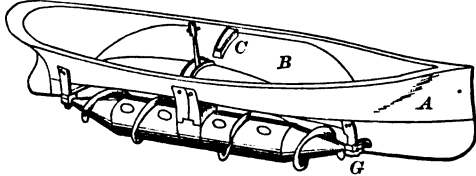
**88592—P. J. Tillmann—Door Pulley.**



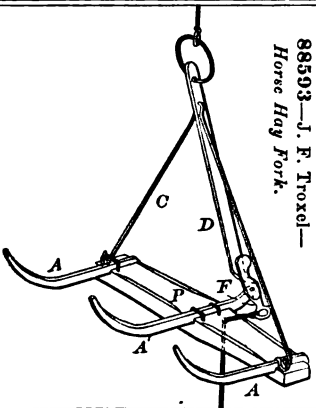
88594—I. W. Valance—*Quilting Frame.*



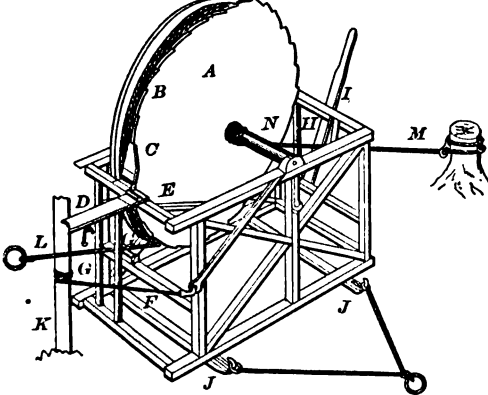
**88595—C. Ward—Propeller.**



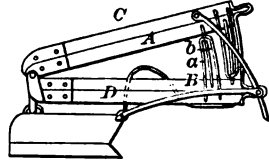
**88593—J. F. Troxel—  
Horse Hay Fork.**



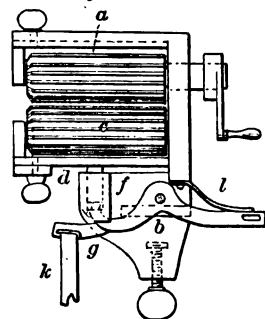
**88596—J. A. Woodworth—Stump Extractor.**



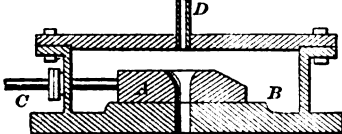
88597—R. H. Wright—*Carriage Top.*



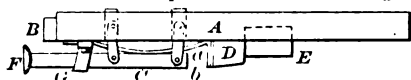
**88598—H. B. Adams—  
Fluting Machine.**



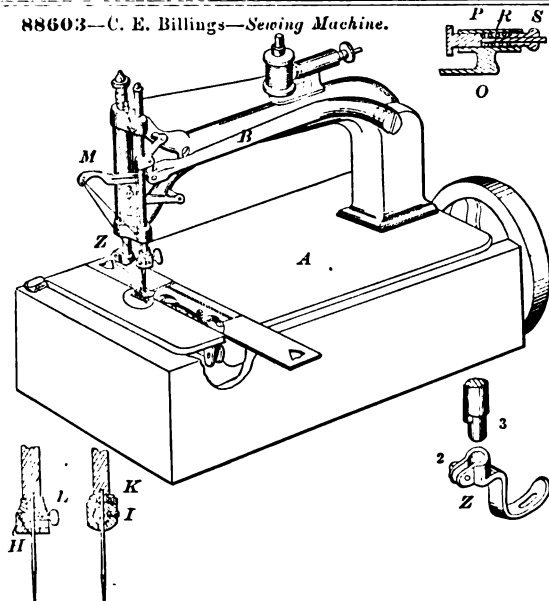
**88599**—C. D. Allen—*Throttle Valve.*



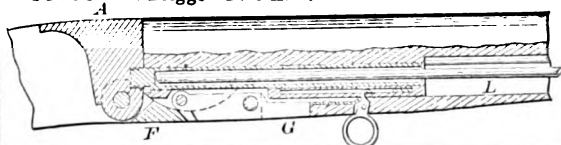
88600—Allen &amp; Valiquette—Railroad Car Buffer.



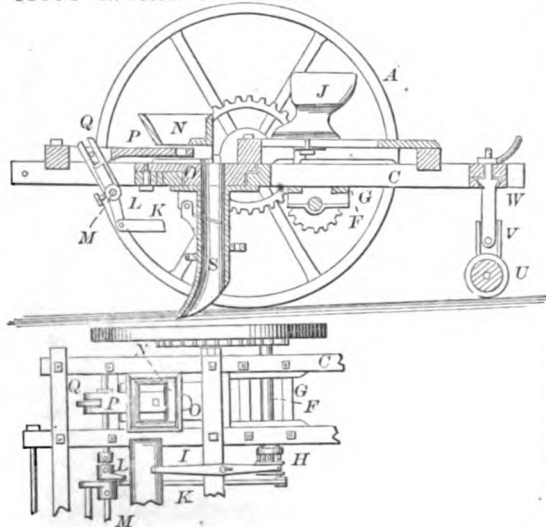
88603—C. E. Billings—Sewing Machine.



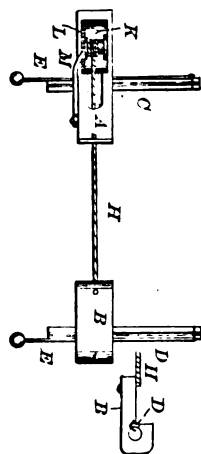
88605—W. Briggs—Fire Arm.



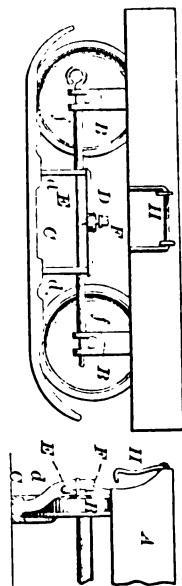
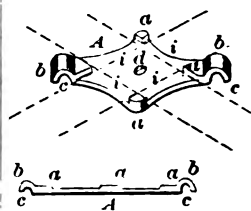
88604—N. Breed—Corn Planter.

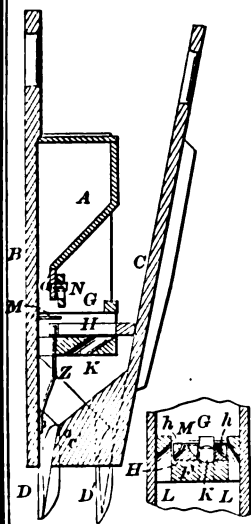


88606—J. Bryant—Line Holder.

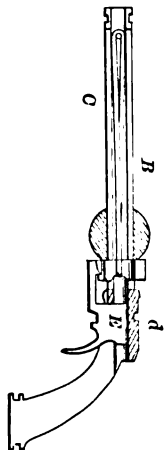


88601—B. Auerbach—Attaching Sleigh Runners to Street Cars.

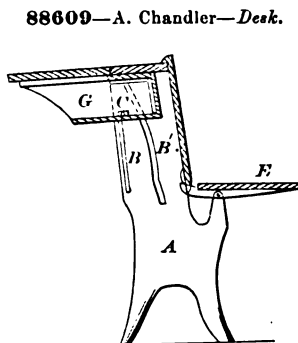
88602—J. S. Barnum—  
For Securing Springs to  
Bed Bottoms and Mattresses.



88607—G. Burson—Hand Corn Planter.

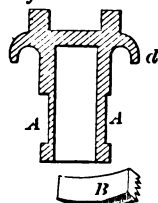


88608—A. L. Carrier—Toy Pistol.

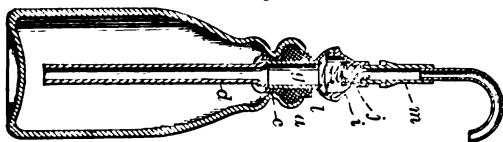


88609—A. Chandler—Desk.

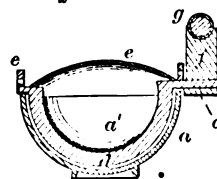
88611—R. A. Copeland—Ferrule for Boiler Tubes.



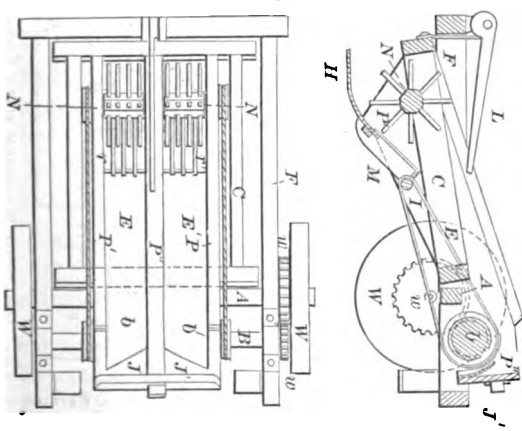
88610—C. J. Converse—Siphon Bottle.



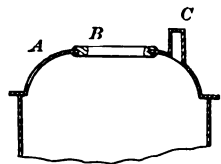
88612—L. B. Crittenden—Coffee Roaster.



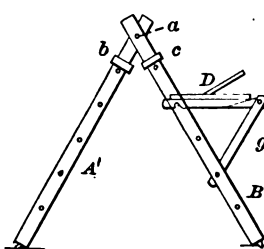
88613—I. Curtis—Potato Digger.



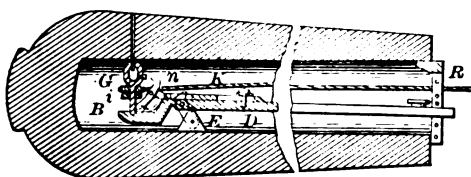
88614—Z. Dixon—Tea Kettle Breast.



88616—R. L. Dodge—Ladder.

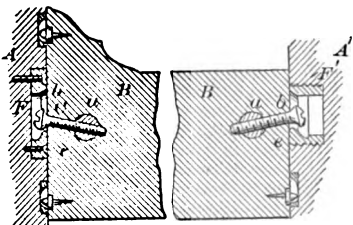


88615—T. J. Dobbs—For Unspiking Guns.

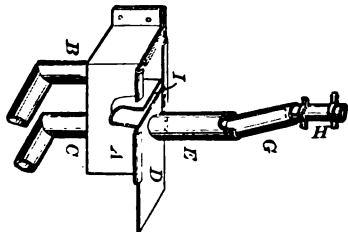




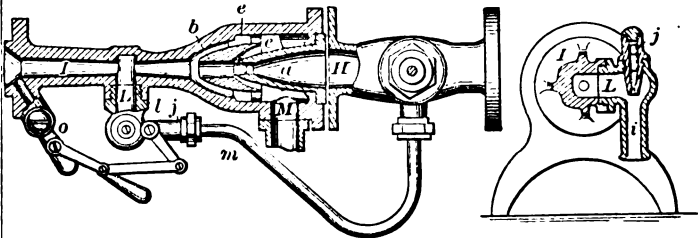
88617—J. Doering—Bedstead Fastener.



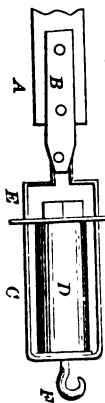
88618—J. D. Field—Rain Water Conductor.



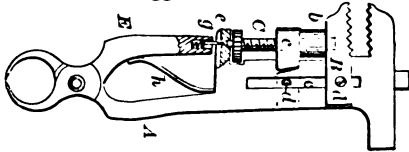
88620—A. Friedmann—Steam Pump.



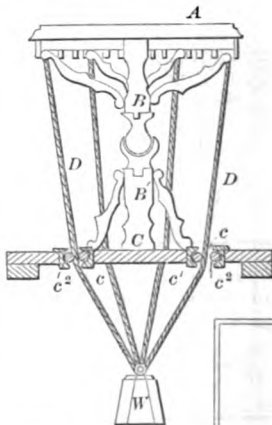
88619—L. Flicdnuer—Link for Elevator.



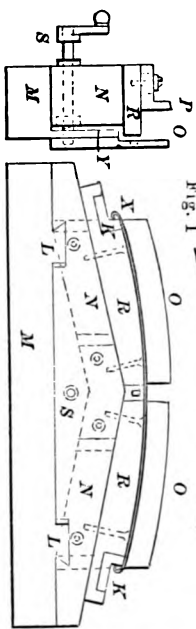
88621—E. Froggatt—Wrench and Pincers.



88622—E. Gallier—Marine Furniture.



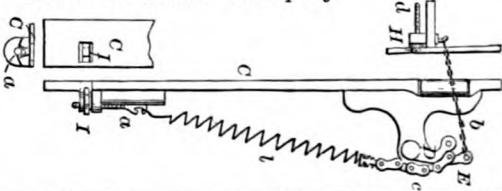
88624—J. Gatchell—Template for Bending Springs.



88623—G. P. Gunster—Wrench.



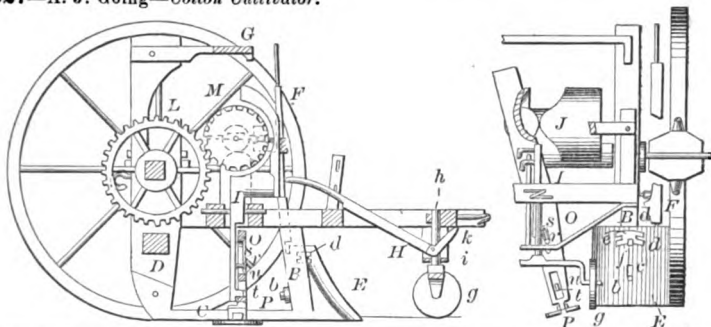
88625—W. Gilfillan—Door Spring.



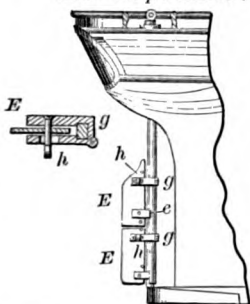
88626—J. W. Gillespie—Eaves Trough Bracket.



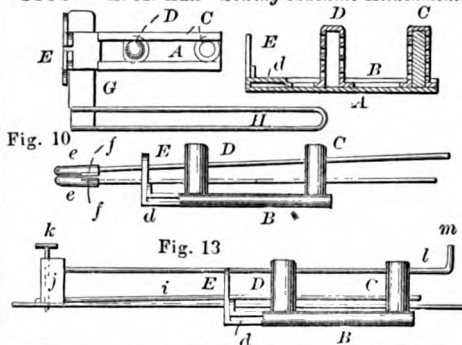
**88627**—A. J. Goings—*Cotton Cultivator*.



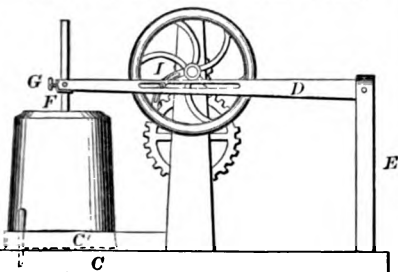
88628—T. F. & E. C. Goodwin &  
Goin—*Ship's Rudder.* —



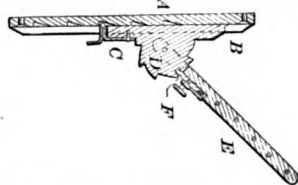
88630—H. M. Hall—*Sewing Machine Attachment.*



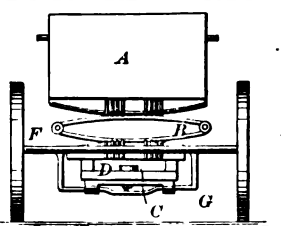
**88629**—I. S. Goolman—*Churn Power.*



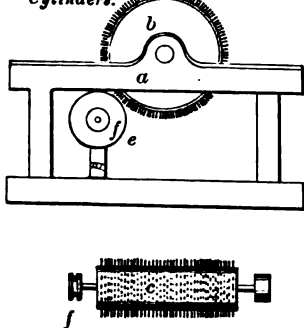
83631—Hawse & Shippy—*Clothes Dryer.*



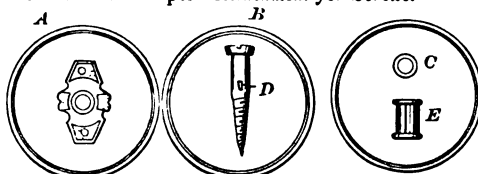
88637—S. JACKSON—*Carriage.*



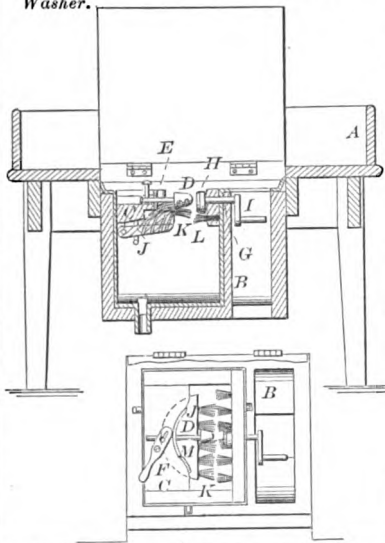
**88635—W. B. Ingram—For Grinding and Cleaning Card Cylinders.**



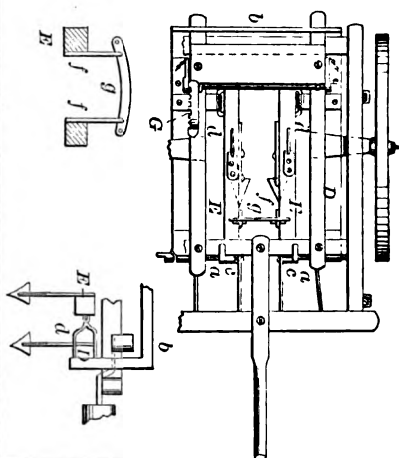
88632--J. Hooper--*Attachment for Screws.*



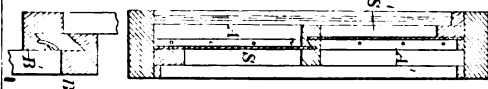
88636—T. Ireland—Sink and Dish Washer.



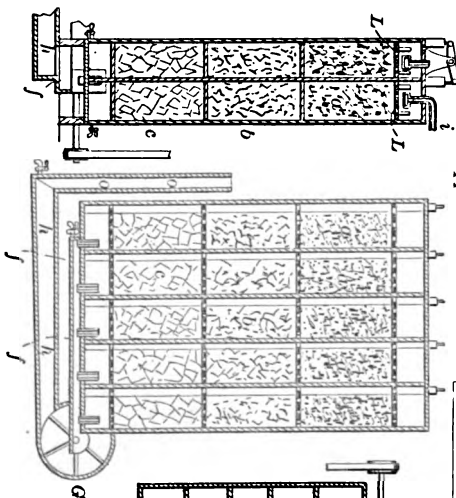
88638—J. B. Jay—Cultivator.



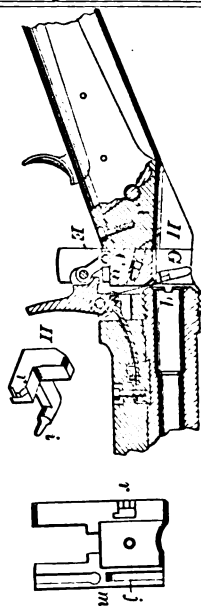
88640—J. Johnston—Weather Strip.



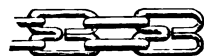
88642—F. E. Josef—Vinegar Apparatus.



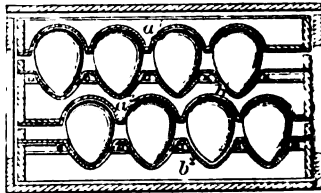
88645—H. S. Lawrence—Fire Arm.



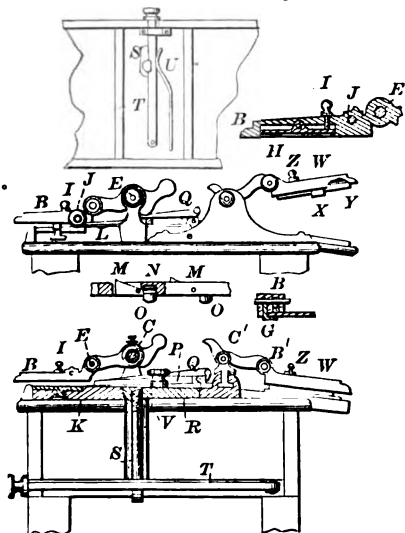
88643—J. G. Jung—Chain.



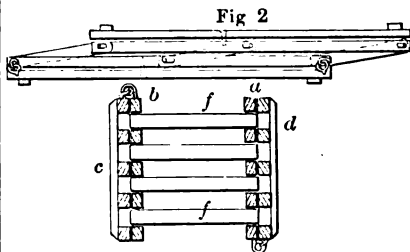
88641—P. P. Josef—Egg Carrier.



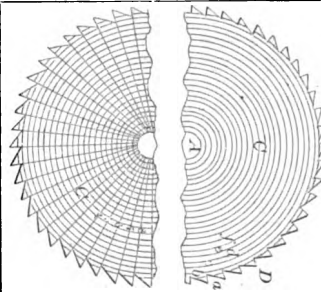
88646—J. Lick—For Gilding.



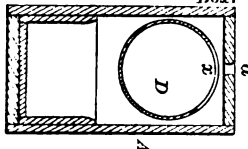
88647—Lindsey & Sullivan—Fruit Crate.



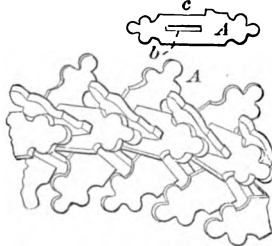
88649—J. B. Macnamer—Index for Filing Circular Saws.



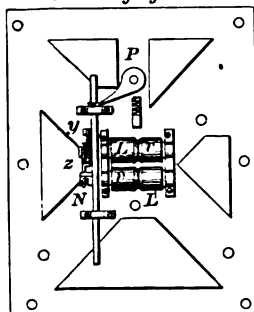
88648—R. H. Long—Fare Box.



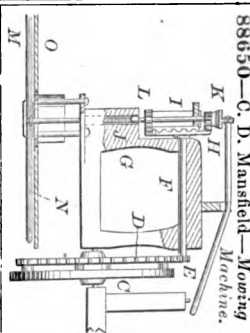
88651—D. W. Marshall—Picture Frame.



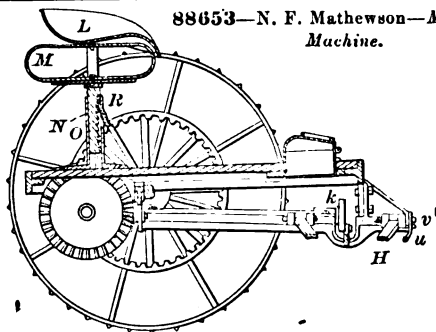
88652—H. W. Mather—For Forging Nails.



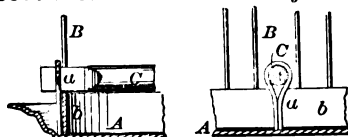
88650—C. D. Mansfield—Mowing Machine.



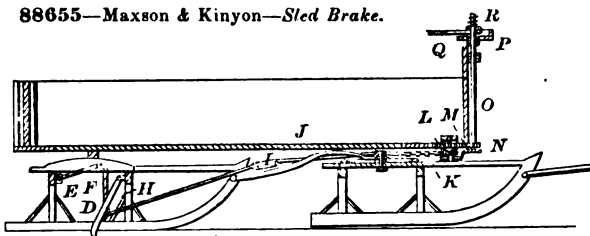
88653—N. F. Mathewson—Mowing Machine.



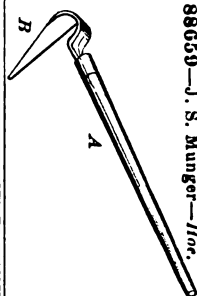
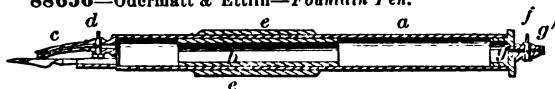
88654—J. Maxheimer—Bird Cage.



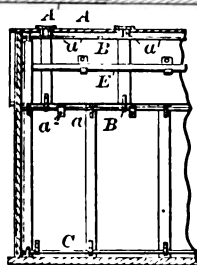
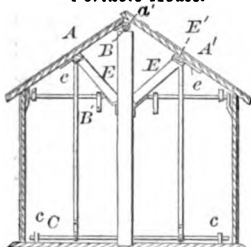
88655—Maxson &amp; Kinyon—Sled Brake.



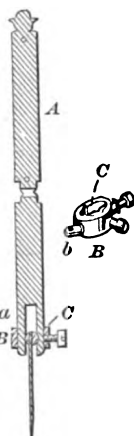
88656—Odermatt &amp; Ettlin—Fountain Pen.



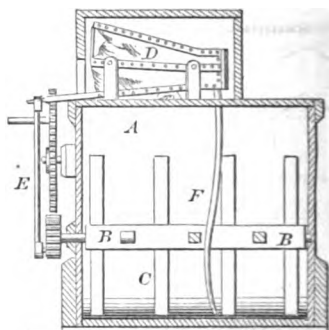
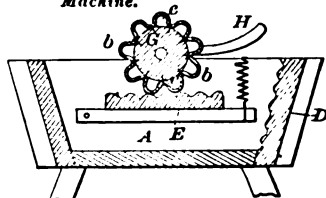
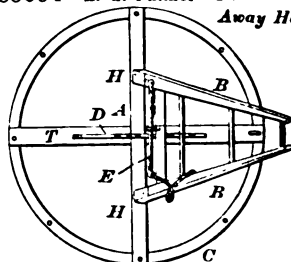
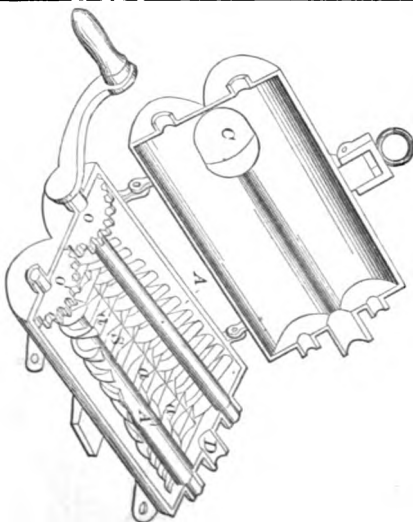
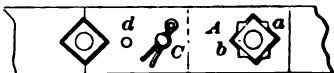
88659—J. S. Munger—Hoe.

88657—W. R. Mears—  
Portable House.

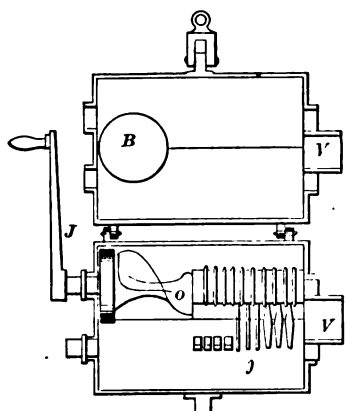
88665—Parham &amp; Smith—Needle Holder.



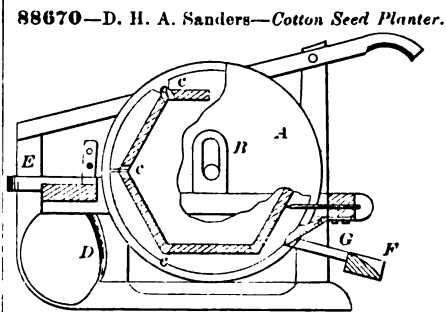
88662—J. E. Overacker—Churn.

88663—G. N. Palmer—Washing  
Machine.88664—L. E. Palmer—For Mowing  
Away Hay.88668—P. Philippi—Nut Locking  
Device.

88666—J. G. Perry—Meat Cutter.

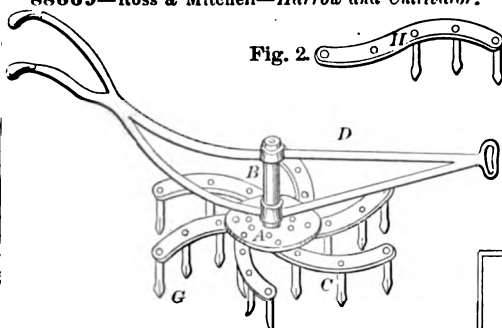


88667—J. G. Perry—Meat Cutter.

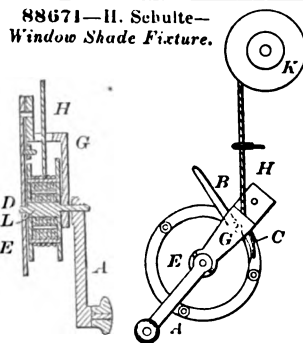


88670—D. H. A. Sanders—Cotton Seed Planter.

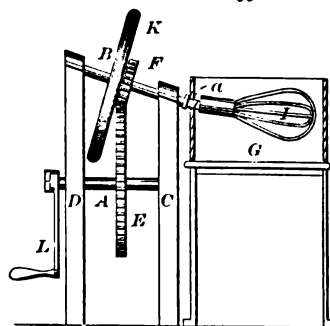
88669—Ross & Mitchell—Harrow and Cultivator.



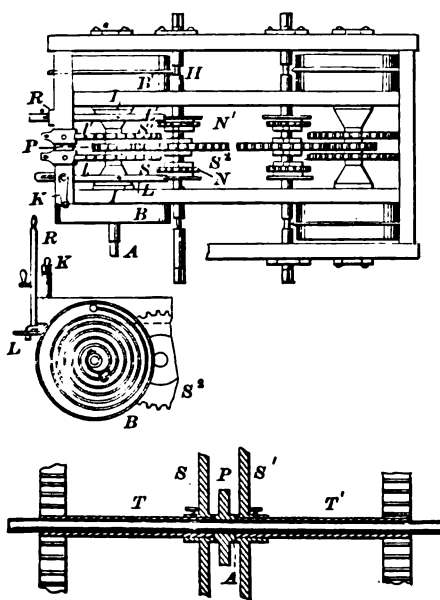
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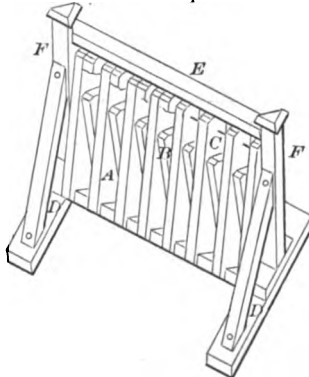
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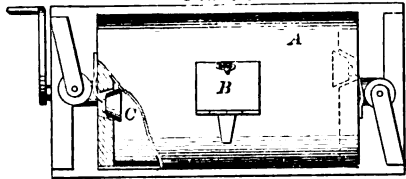
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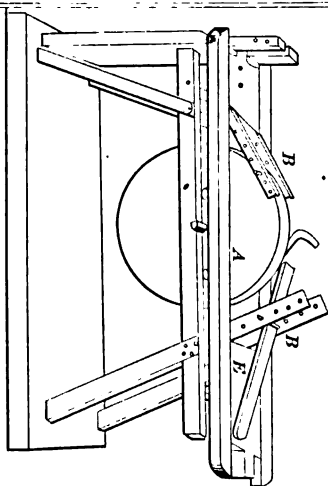
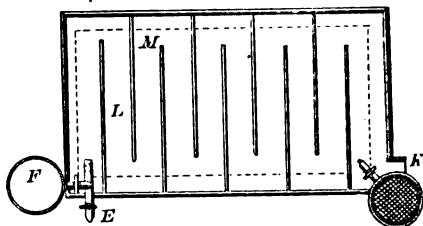
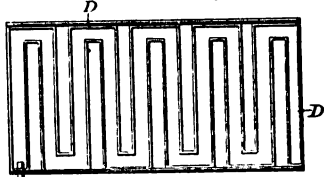
88673—S. B. Shoup—Flood Gate.



88674—W. Silver—For Blasting and other Powder.

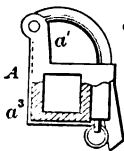


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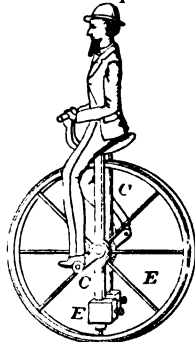


88679—H. K. Trask—For Grinding Edged Tools.

88676—Z. T. Sweet—Clip for Neck Yokes



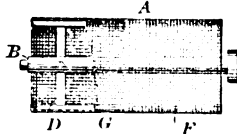
88683—T. W. Ward—Velocipede.



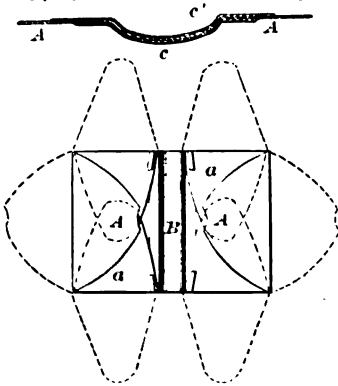
88682—H. Twitchell—Dental Plate.



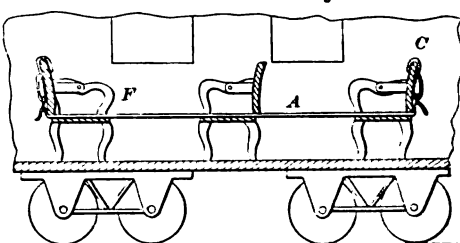
88678—N. S. Thomas—For Tan Bark.



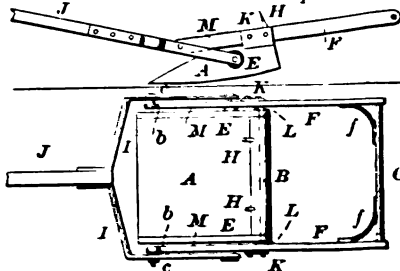
88684—W. C. Wendell—Book Cover.



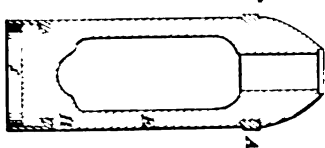
88685—G. W. Williamson—Railway Car Couch.



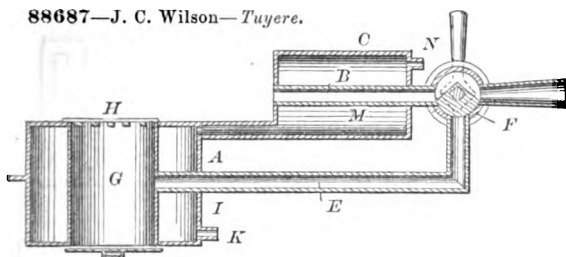
88686—J. W. Wilson—Road Scraper.



88689—J. Absterdam—Projectile.



88687—J. C. Wilson—*Tuyere*.



88690—P. Barker—*Grain Separator*.

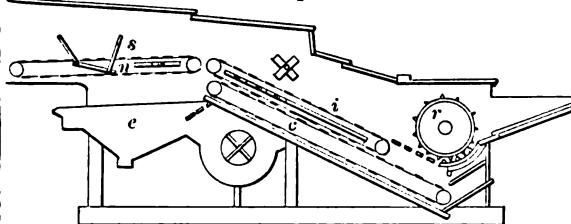
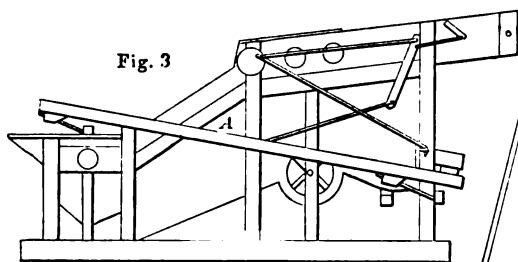
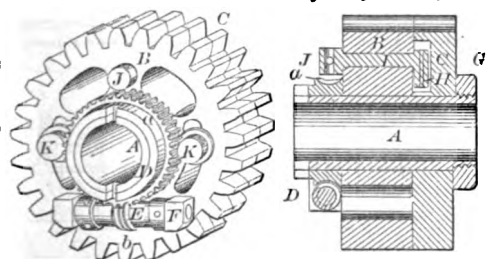


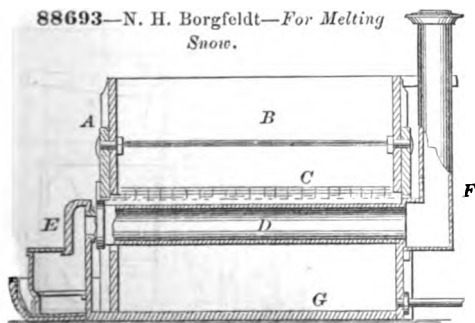
Fig. 3



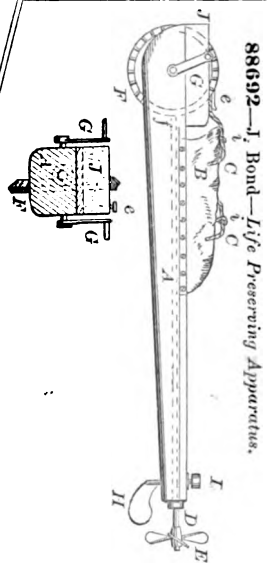
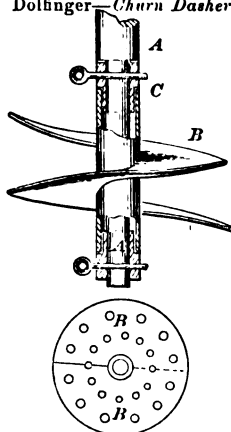
88691—G. S. Barton—*For Adjusting Gearing*.



88693—N. H. Borgfeldt—*For Melting Snow*.

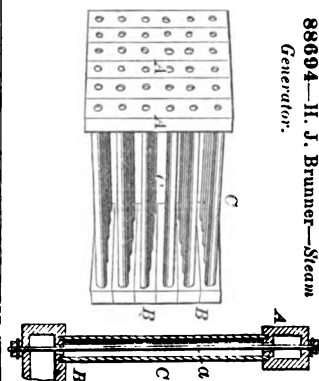


88688—Withers & Dolfinger—*Churn Dasher*.



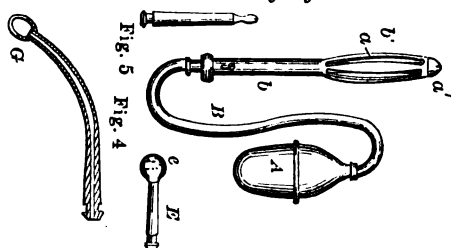
88692—J. Bond—*Life Preserving Apparatus*.

88694—H. J. Brunner—*Steam Generator*.

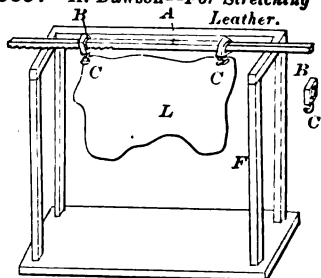




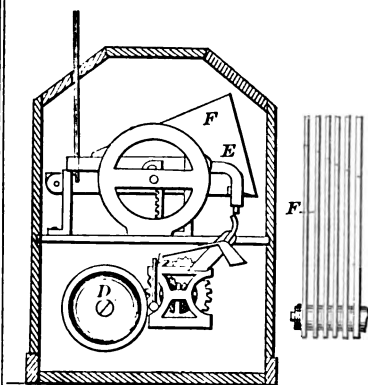
88695—W. J. Davidson—Syringe.



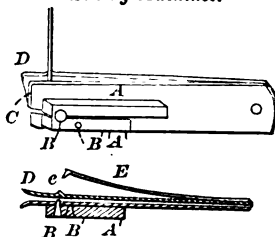
88697—H. Dawson—For Stretching Leather.



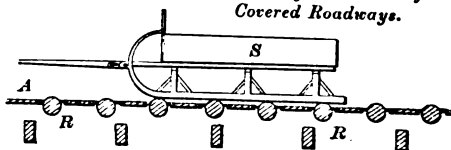
88698—C. Dion—Fire Alarm.



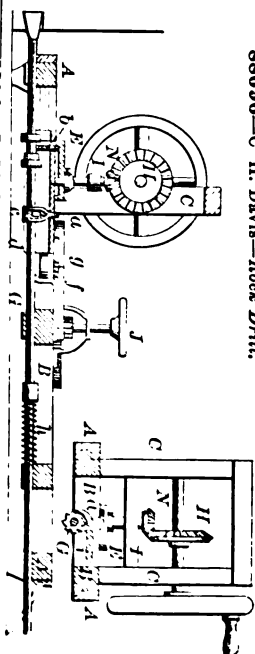
88699—H. W. Dopp—Needle Threader for Sewing Machines.



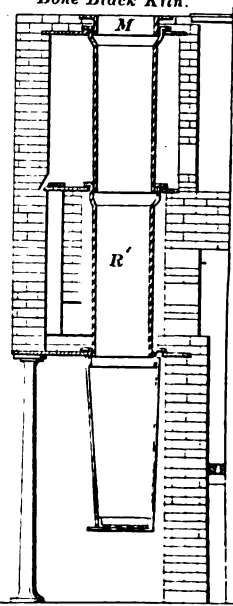
88704—J. B. Foote—Sled Way Attachment for Covered Roadways.



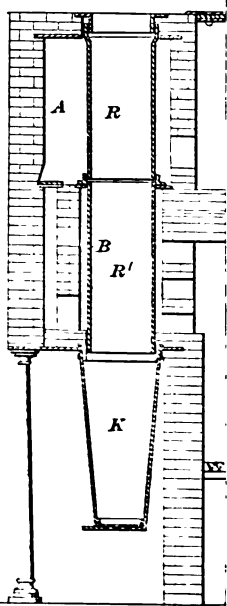
88696—C. H. Davis—Rock Drill.



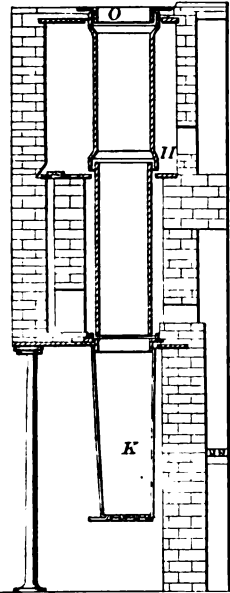
88701—E. P. Eastwick—Bone Black Kiln.



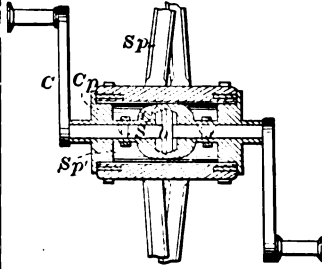
88700—E. P. Eastwick—Bone Black Kiln.



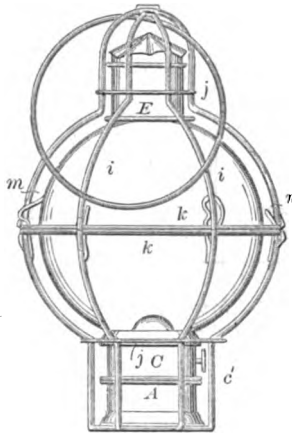
**88702**—E. P. Eastwick—  
*Bone Black Kiln.*



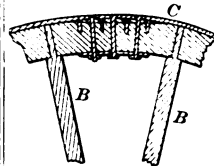
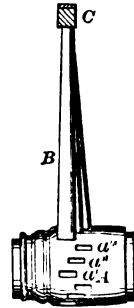
**88703**—H. J. Ferguson—  
*Velocipede.*



**88713**—T. Houghton—*Lantern.*



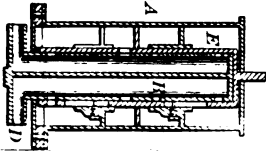
**88705**—C. M. Fouke—*Wheel.*



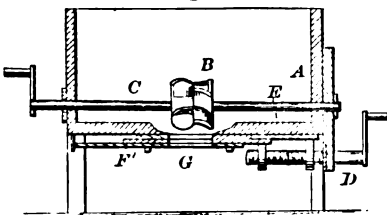
**88708**—H. L. Hall—  
*Corn Husker.*



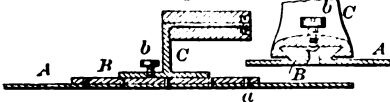
**88709**—A. Heaton—*Fluid Meter.*



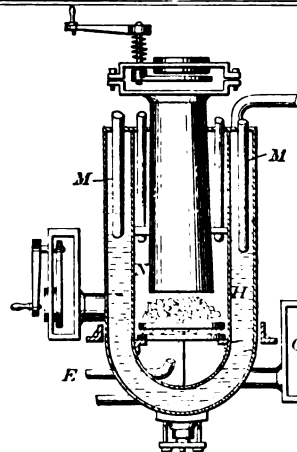
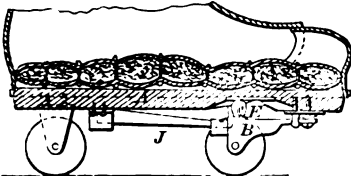
**88710**—P. F. Hodges—*Grain Drill.*



**88712**—P. J. Hogan—*Trammel.*

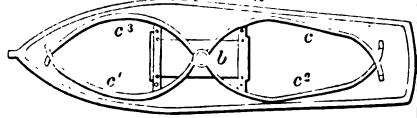


**88711**—I. Hodgson—*Roller Skate.*

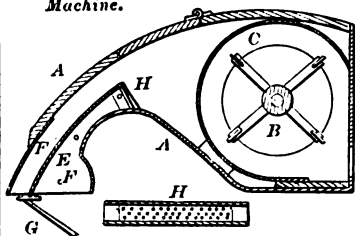


**88707**—Guthrie & Mason—*Steam Generator.*

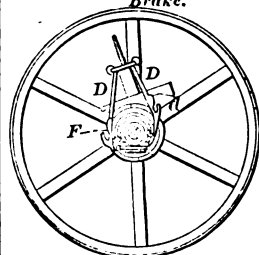
**88714**—J. Howe, Jr.—*Steam Engine for  
Steam Vessels.*



**88716—S. D. Huffman—Threshing Machine.**



**88721—A. Kessberger—Wagon Brake.**



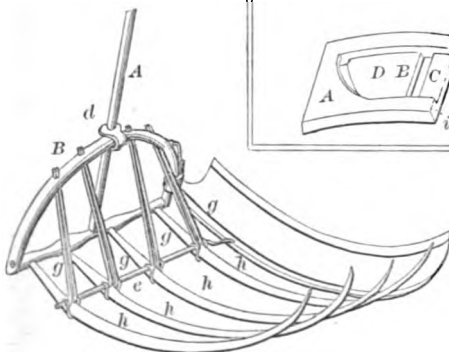
**88722—Klaucke & Fraser—Envelope.**

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P. O. Box No. 48  
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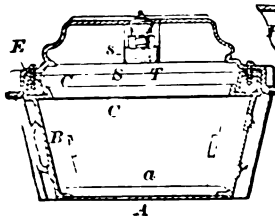
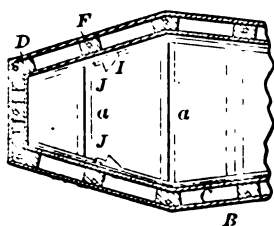
**88724—W. H. Locke—Grain Cradle.**



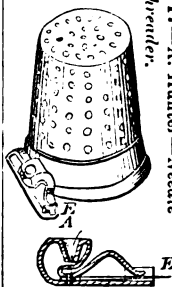
**88727—W. M. Morris—Cotton Bale Tie.**



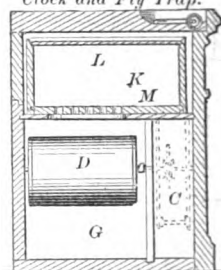
**88728—G. Nearstheimer—Coffin.**



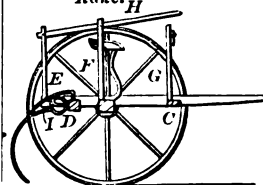
**88717—A. Hunter—Needle Thresher.**



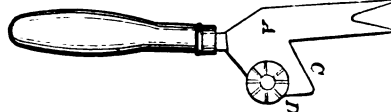
**88718—C. Kallmann—Clock and Fly Trap.**



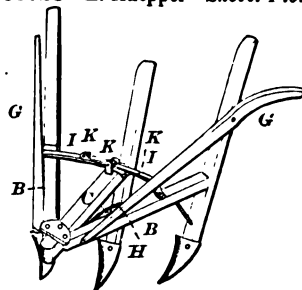
**88719—C. P. Kelly—Horse Rake.**



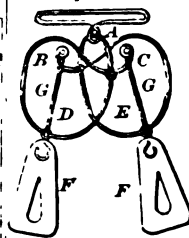
**88726—H. Matthes—Pie Cutter and Crimper.**



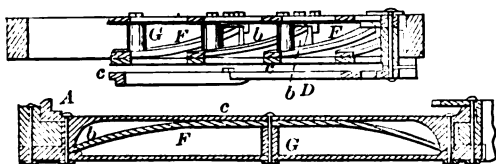
**88723—E. Knepper—Shovel Plover.**



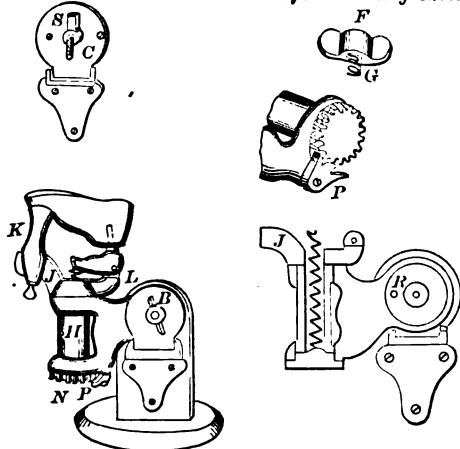
**88731—G. H. Palmer—Suspender.**



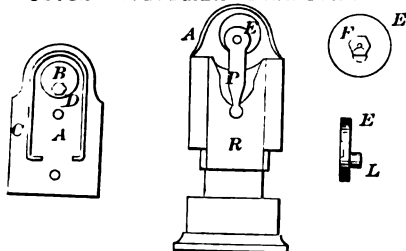
88729—G. W. Neill—Piano Forte Frame.



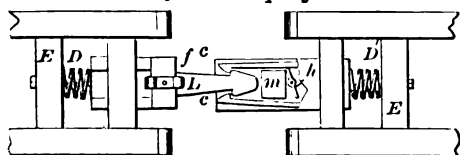
88735—J. E. Plummer—Jack for Finishing Shoes.



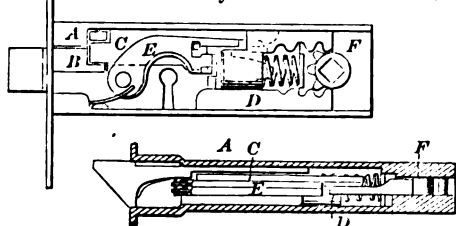
88732—W. F. Parker—Power Press.



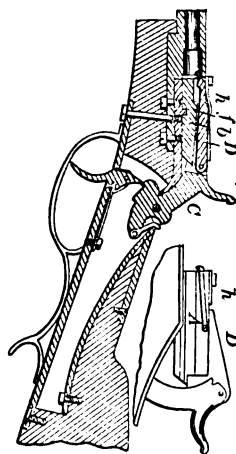
88736—A. Ray—Car Coupling.



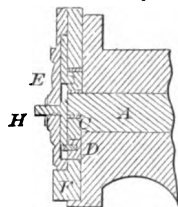
88737—F. Raymond—Latch and Lock.



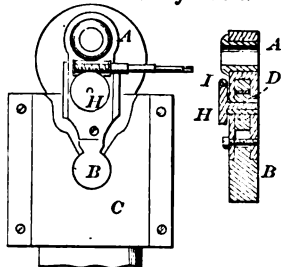
88730—J. D. S. Newell—Fire Arm.



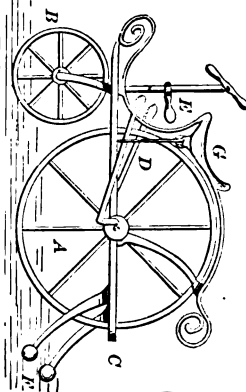
88733—R. B. Perkins—Mechanical Adjustment.



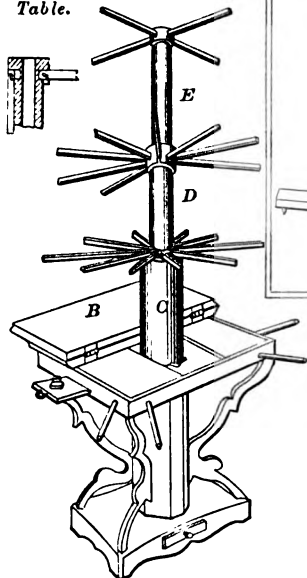
88734—R. B. Perkins—Mechanical Adjustment.



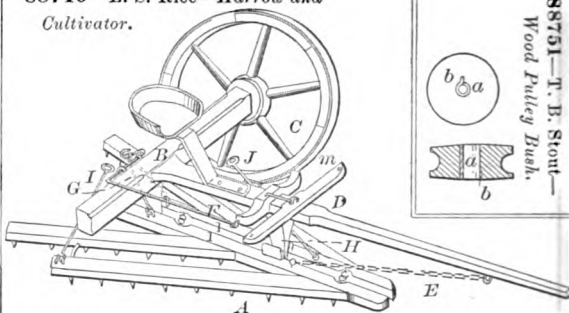
88738—J. B. Read—Velocipede.



**88739**—W. Reichenbach—*Clothes Dryer and Ironing Table.*



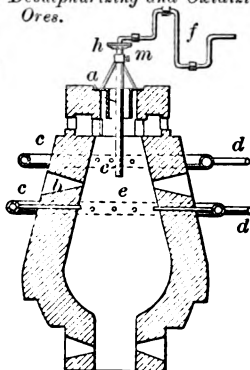
**88740**—E. S. Rice—*Harrow and Cultivator.*



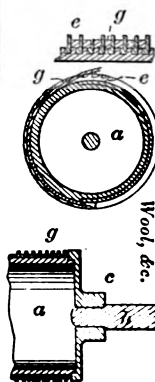
**88751**—T. B. Stont—*Wood Pulley Bush.*



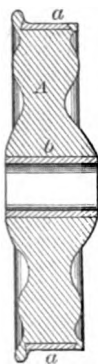
**88741**—J. M. Rohrer—*For Desulphurizing and Oxidizing Ores.*



**88742**—C. G. Sargent—*Barring Cylinder for Wool, &c.*



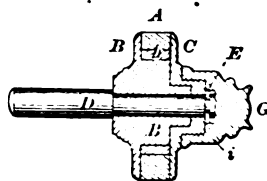
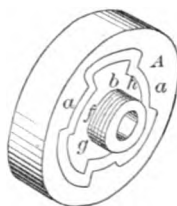
**88743**—Sax & Kear—*Car Wheel.*



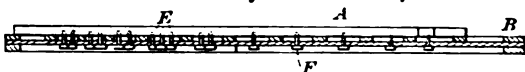
**88744**—H. J. Noyes—*Damper.*



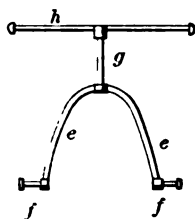
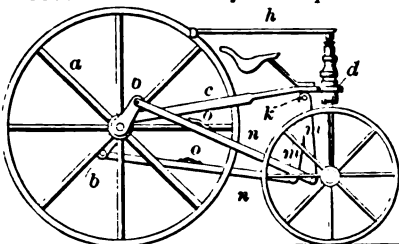
**88748**—C. S. Stearns—*Carriage Wheel.*



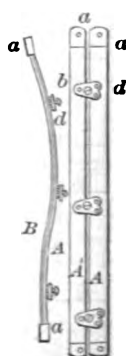
**88749**—C. F. Th. Steinway—*Sound Board for Piano Fortes.*



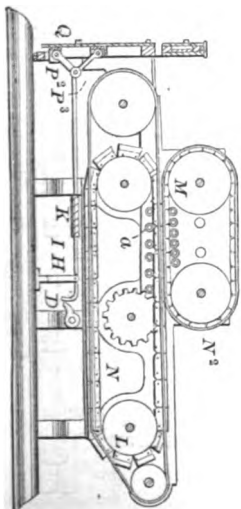
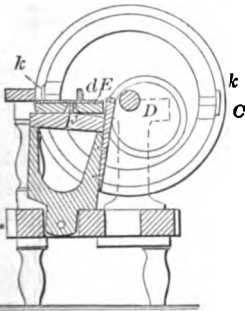
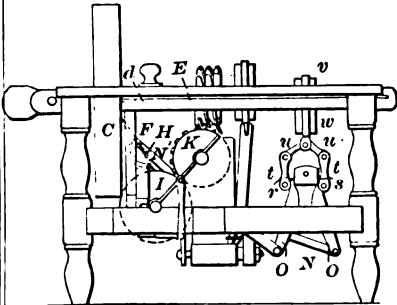
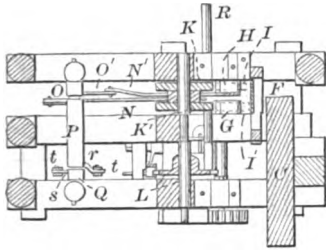
**88750**—C. W. Stickney—*Velocipede.*



**88752**—F. Strauss—*Corral Clamp.*

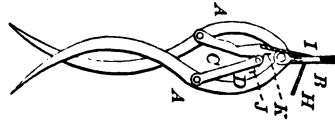


88753—J. Taggart—For Wrought Nails.

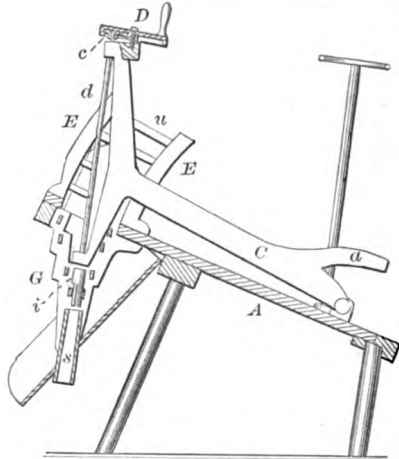


88757—W. H. Watson—For Sheetting and Pressing Tobacco.

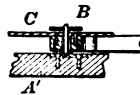
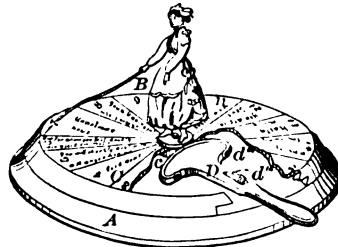
88754—A. G. Thomas—Horse Hay Fork.



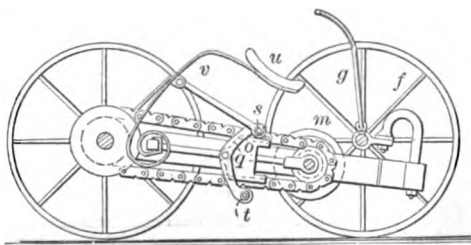
88755—N. Thomas—Apple Slicer and Corer.



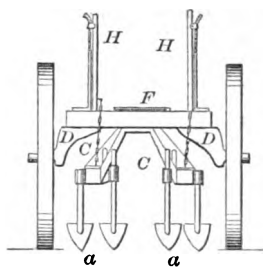
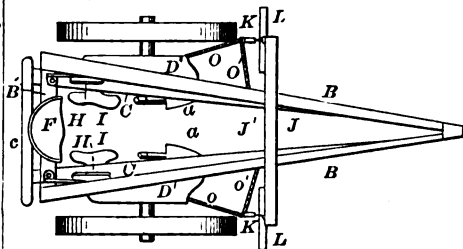
88756—E. Trump—Parlor Game.



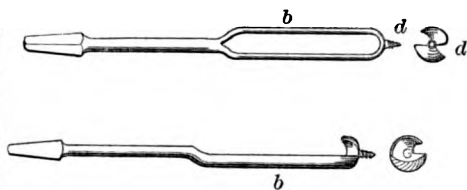
88759—J. W. Weston—Velocipede.



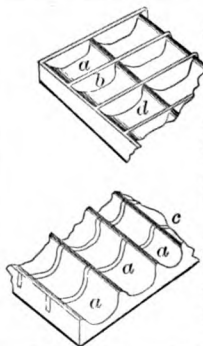
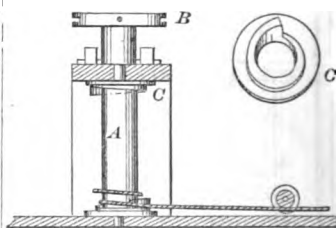
88758—H. J. Wattles—Cultivator.



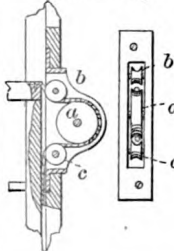
88760—C. Whitehouse—Bit and Auger.



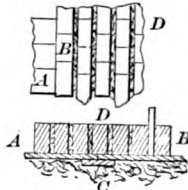
88761—C. L. Willis—Capstan.



88763—A. F. Hines—Sash Pulley.



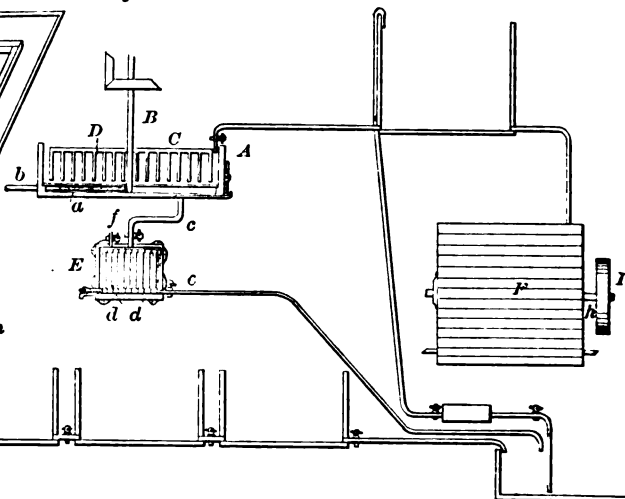
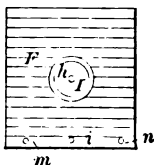
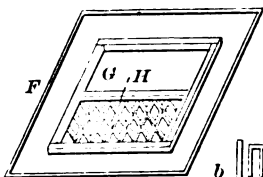
88765—D. L. De Golyer—Pavement.



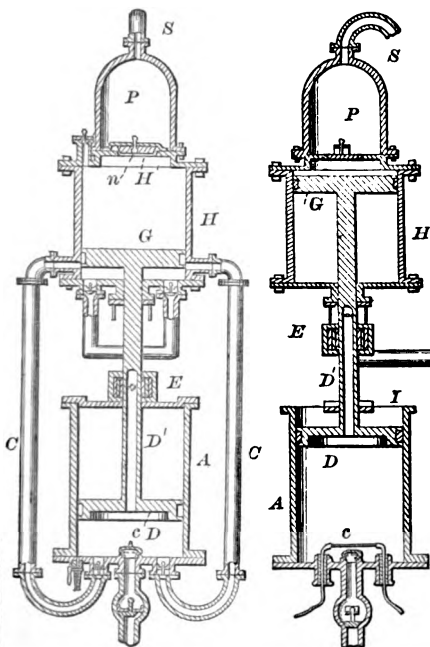
88766—J. H. Morris—Weather Strip.



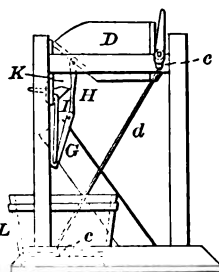
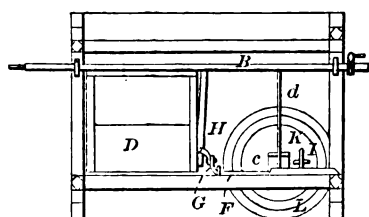
88764—E. Lynch—For Tanning.



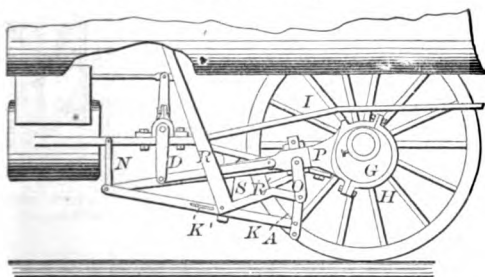
88767—J. B. Atwater—*Motive Power.*



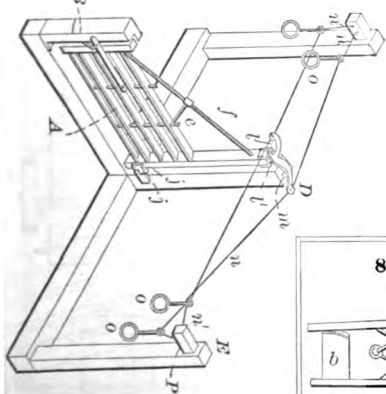
88768—A. D. Barrett—*Feeding Trough For Horses.*



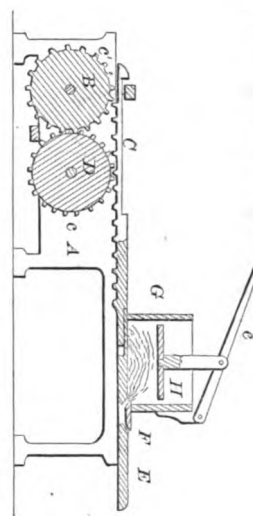
88771—R. Bowers—*Valve Gear.*



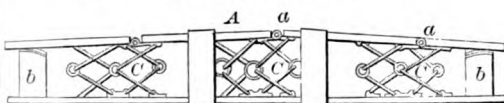
88770—J. Behel—*Gate.*



88769—Baylor & Rapp—*For Kroot Cutting.*

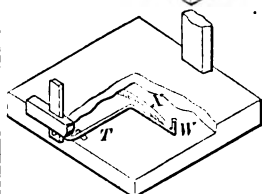
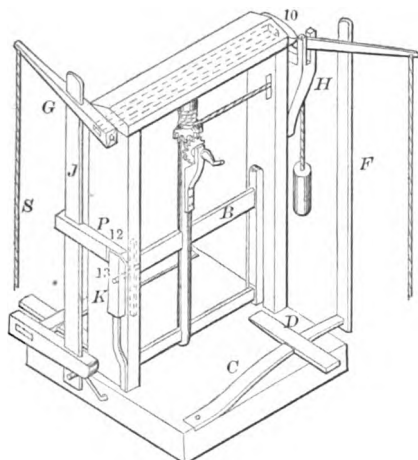


88772—C. A. Brigham—*Bed Bottom.*

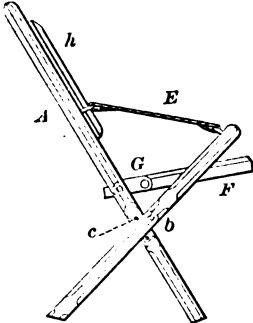




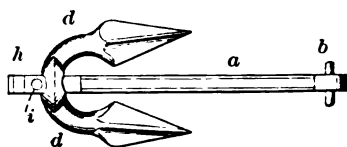
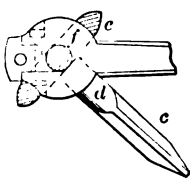
88773—L. D. Brooks—Gate.



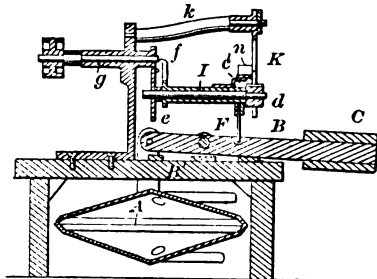
88776—C. Dieterick—Chair.



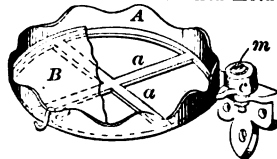
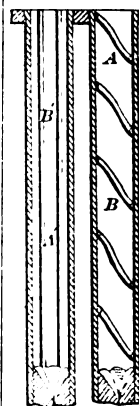
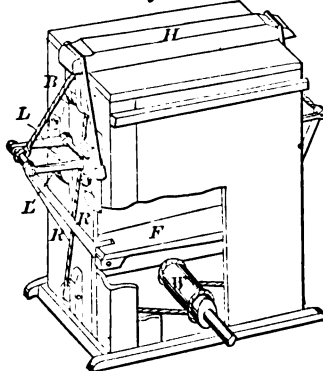
88781—J. D. Greene—Anchor.



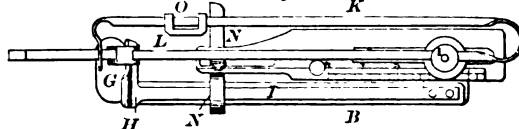
88774—D. L. F. Chase—Boiler Feeder.



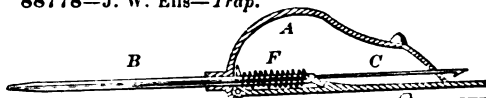
88777—L. M. Doudna—Lid Holder.

88775—P. K. Dederick—  
Baling Press.88779—Field & Nation—For Ornamenting  
Candles.

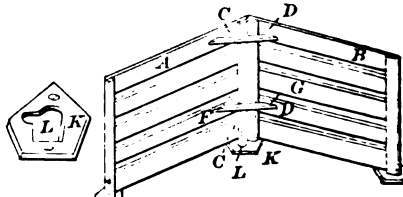
88780—H. W. Fuller—Sewing Machine Attachment.



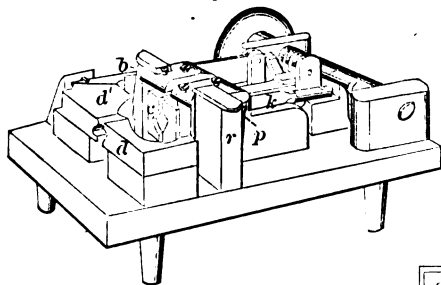
88778—J. W. Ells—Trap.



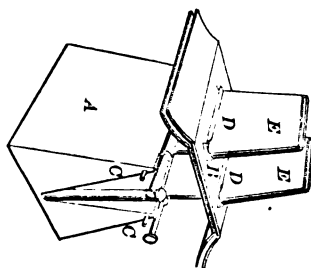
88782—F. W. Groff—Fence.



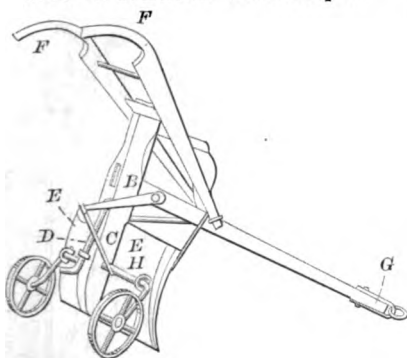
88783—M. Hardaway—Bolt Machine.



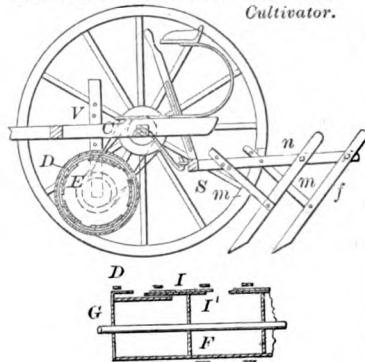
88784—M. E. Hatch—Lamp.



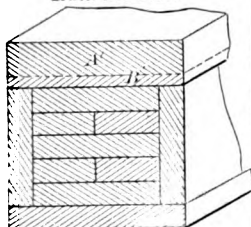
88785—J. Y. Herston—Earth Scraper.



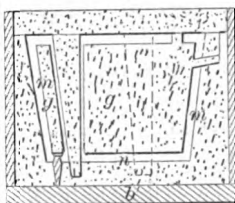
88787—Hewitt & Gorham—Seeder and Cultivator.



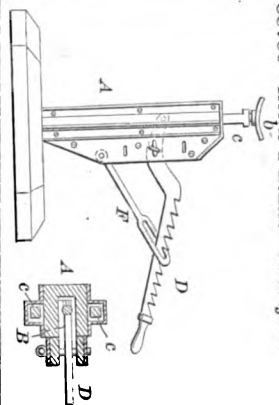
88786—C. Hewitt—Railroad Rail.



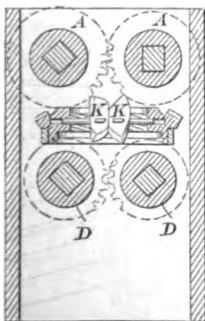
88788—W. M. Johnston—For Casting Tuyeres.



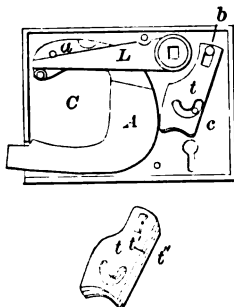
88789—Keefer & Eckert—Carriage Jack.



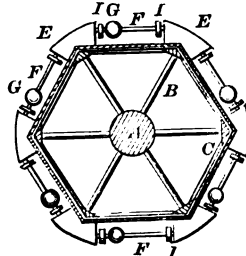
88790—E. Kelley—Corn Sheller.



88791—J. B. Kelley—Knob Latch and Lock.

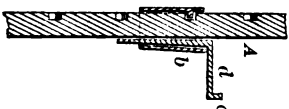


88792—I. B. Ketchum—Flour Bolt.

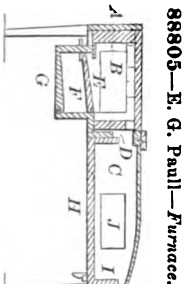
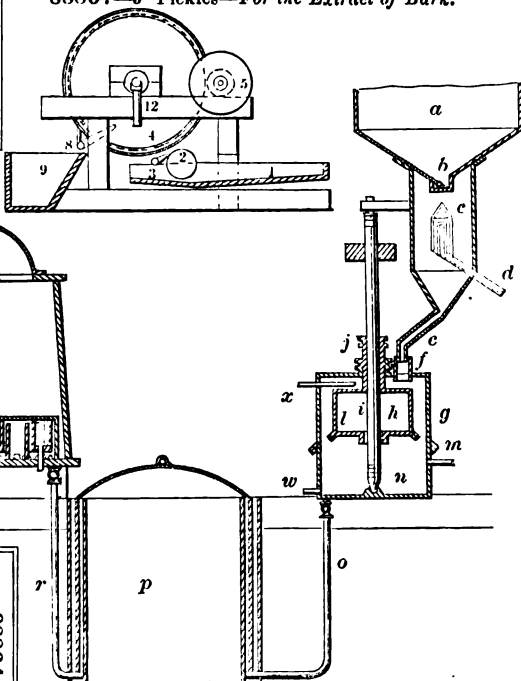




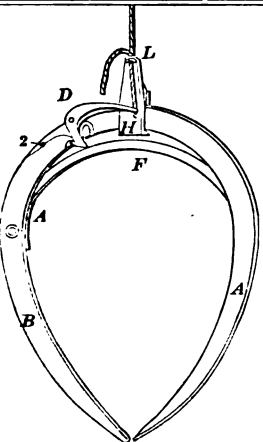
88803—Page & Miller—*Stilts.*



88807—J. Pickles—*For the Extract of Bark.*

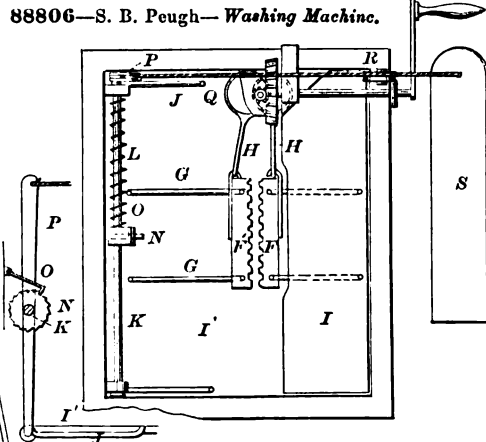


88805—E. G. Paull—*Furnace.*

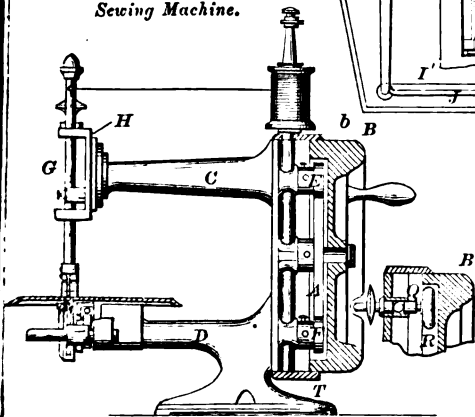


88804—J. A. Park—*Horse Hay Fork.*

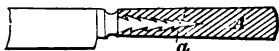
88806—S. B. Peugh—*Washing Machine.*



88808—Pollack & Schmidt—*Sewing Machine.*



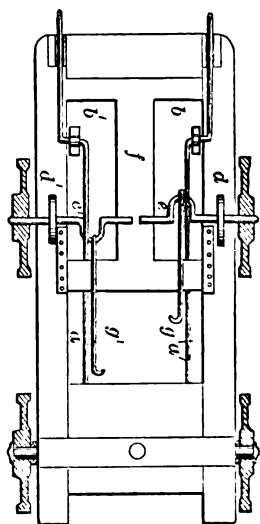
88810—C. L. Robertson—*Cutlery.*



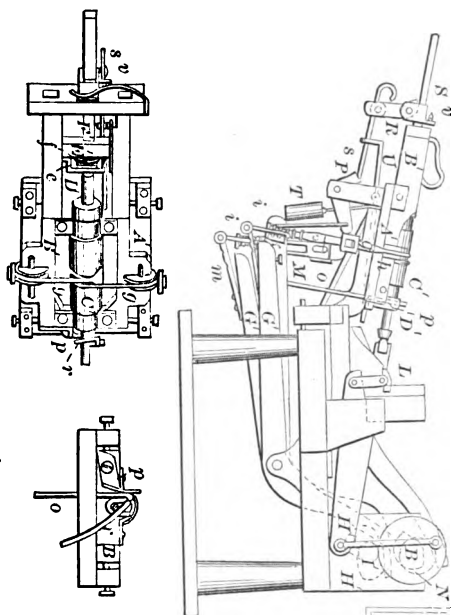
88811—C. L. Robertson—*Comb.*



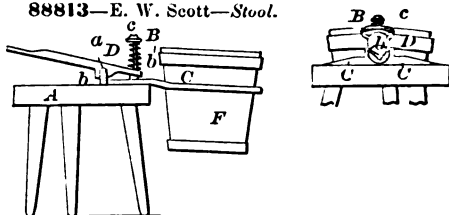
88915—S. M. Skidmore—Velocipede.



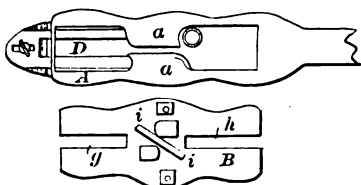
88909—J. R. Richardson—Nail Plate Feeder.



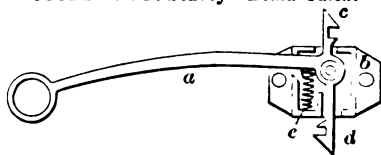
88813—E. W. Scott—Stool.



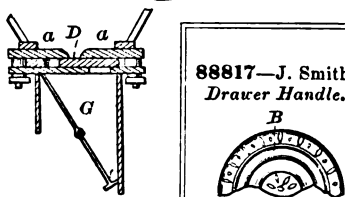
88812—A. Runstetter—Corn Planter.



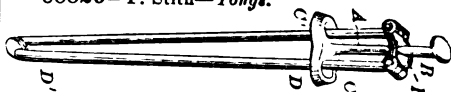
88814—W. F. Seavey—Blind Catch.



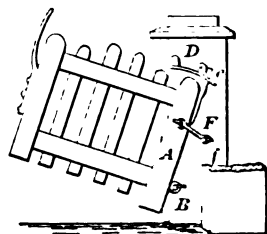
88817—J. Smith—Drawer Handle.



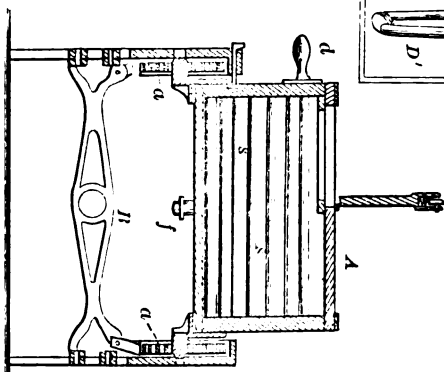
88820—F. Stith—Tongs.



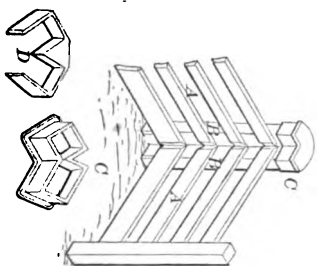
88818—W. W. Sowles—Gate.



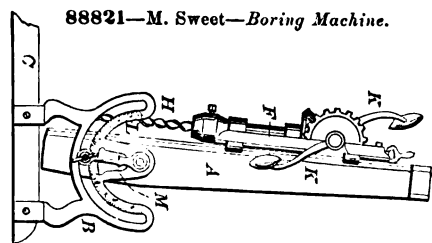
88810—H. E. Smith—Washing Machine.



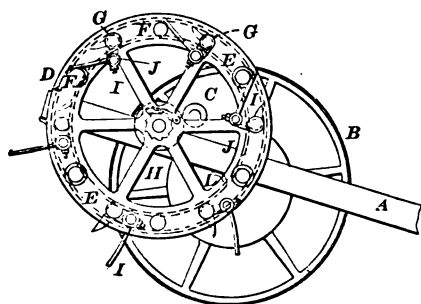
88819—T. Stanford—Fence.



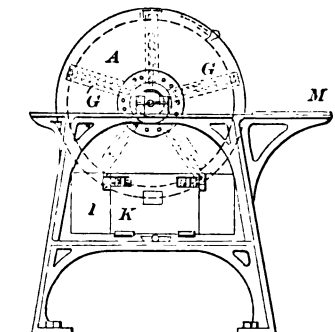
88821—M. Sweet—Boring Machine.



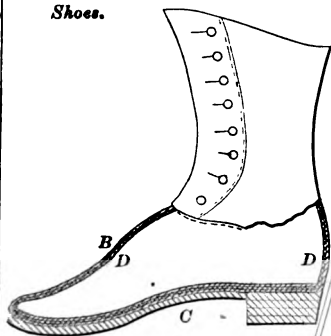
88822—B. F. Taft—Hay Spreader.



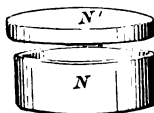
88823—W. Thompson—For Mixing Tea.



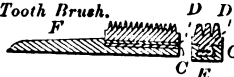
88824—W. H. Towers—Boots and Shoes.



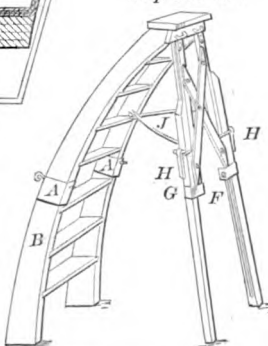
88827—Wheeler & Jerome—Paper Boxes from Pulp.



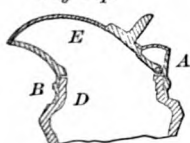
88825—W. B. Watkins—Tooth Brush.



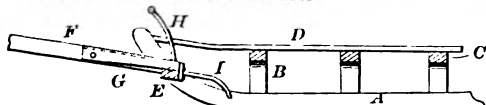
88831—E. R. Austin—Step Ladder.



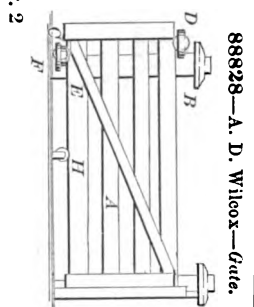
88829—H. Wright—Jug Top.



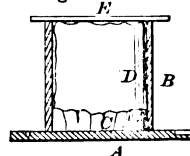
88832—S. W. Barber—Brake.



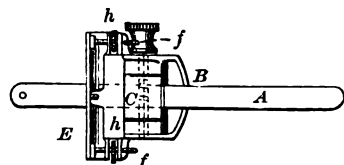
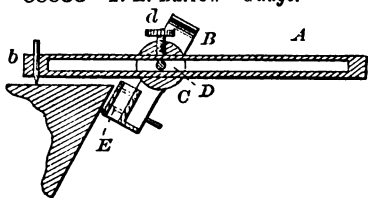
88828—A. D. Wilcox—Gate.



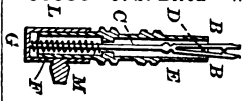
88830—Andrews & Ogden—Cheese.



88833—T. E. Barrow—Gauge.



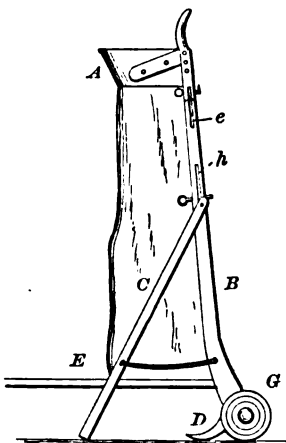
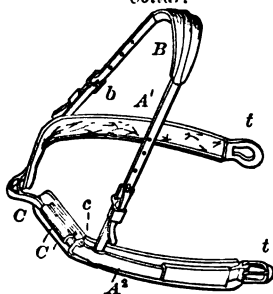
88836—J. S. Birch—Watch Key.



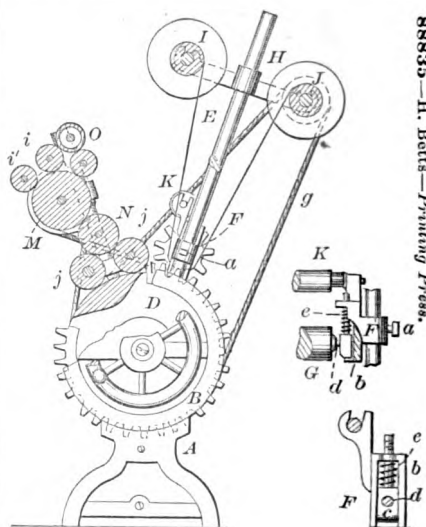
88837—P. Blake—Die.



88838—G. W. Blaksley—Breast Collar.

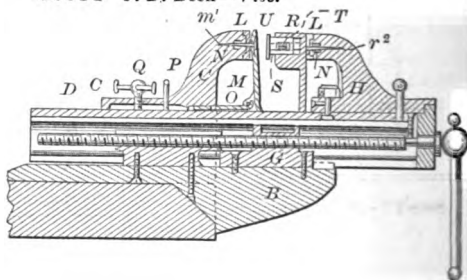


88841—W. Brocklesby, Jr.—Hand Truck.

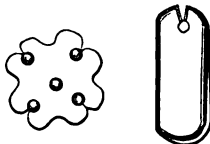


88835—H. Betts—Printing Press.

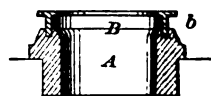
88834—J. D. Beek—Vise.



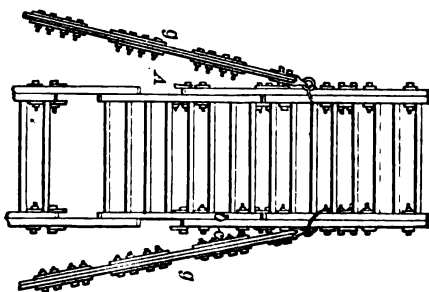
88839—C. A. Bogert—Knife Sharpener.



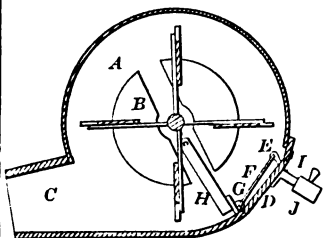
88840—J. Booth—Ring for Spinning Machines.



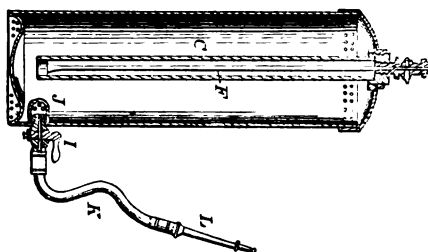
88842—M. T. Burbank—Ladder.



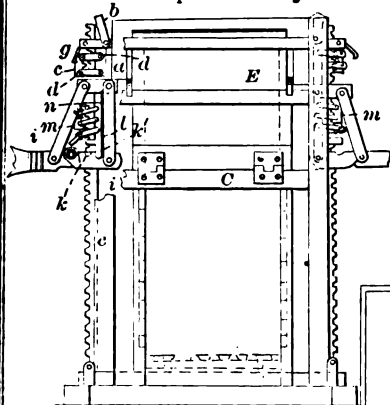
88843—J. & W. H. Butterworth—*Grain Fan Blast.*



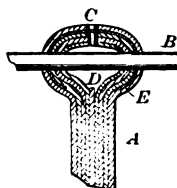
88844—D. Miles—*Fire Extinguisher.*



88846—N. Chapman—*Baling Press.*



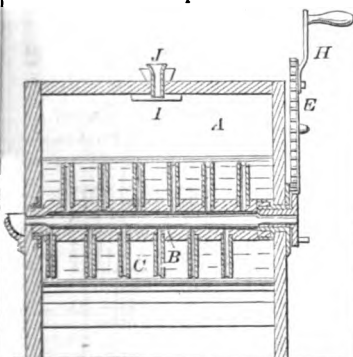
88845—A. H. Carroll—*Loom Picker.*



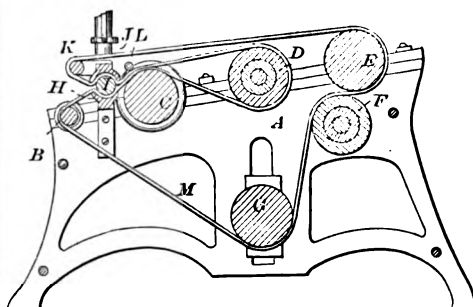
88849—D. C. Chester—*Grain Conveyor.*



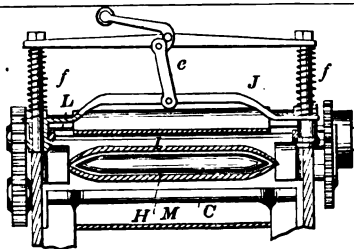
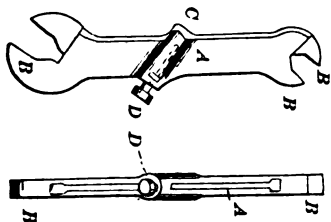
88847—N. Chapman—*Churn.*



88850—R. M. Cole—*Cigar Machine.*

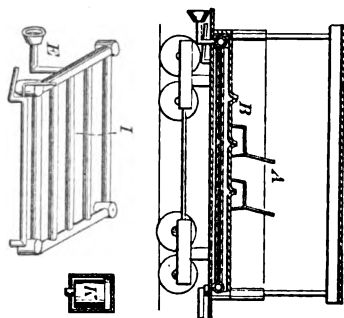
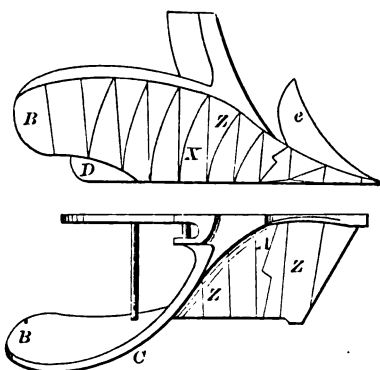


88848—J. Charlton—*Wrench.*

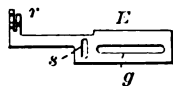




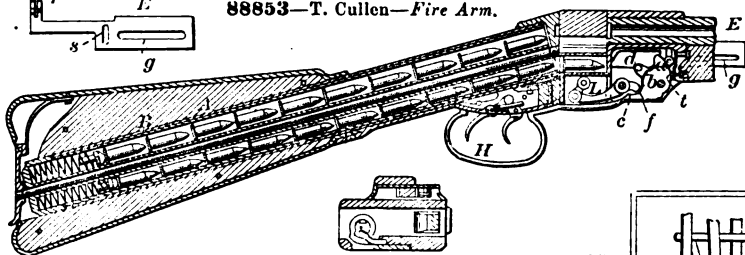
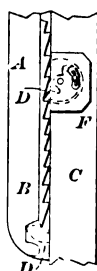
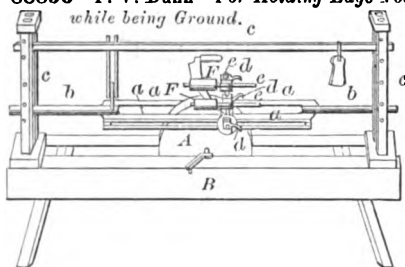
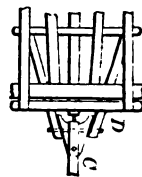
88851—W. S. Colwell—Plow.

88852—A. C. Craty—For  
Warming Carriage.

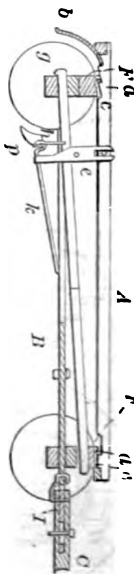
88854—De Mahy &amp; Cross—Vapor Burner.



88853—T. Cullen—Fire Arm.

88856—P. V. Dunn—For Holding Edge Tools  
while being Ground.88855—D. M. Donohue—Stick  
Holder.

88859—O. F. Evans—Brake.



88860—R. Evans—Shoe.

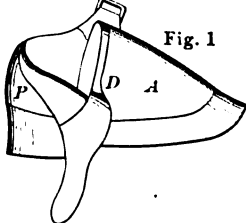


Fig. 1

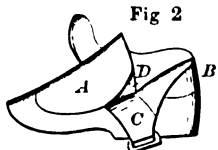
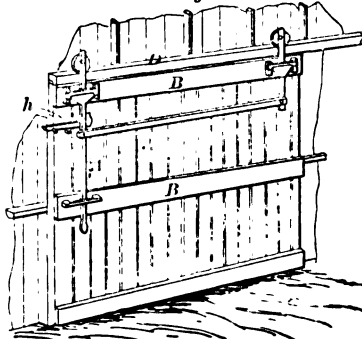
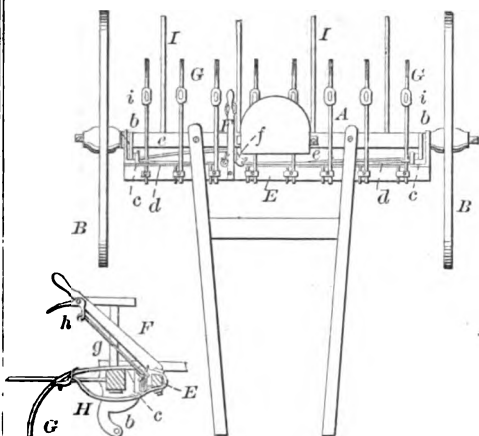


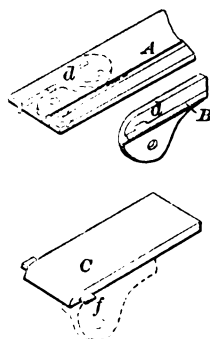
Fig. 2

88857—C. N. Earl—For Hanging  
and Fastening Doors.

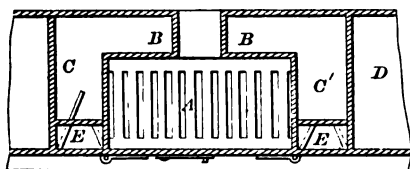
88858—W. Emmons—Horse Rake.



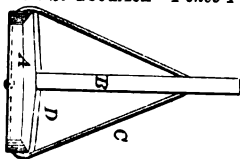
88861—W. Evans—Ear Blank for Elliptic Springs.



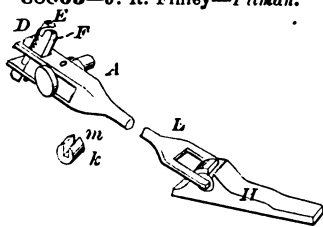
88862—Falls & Hayes—Range.



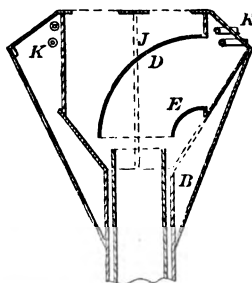
88866—F. S. Goodrich—Fence Post.



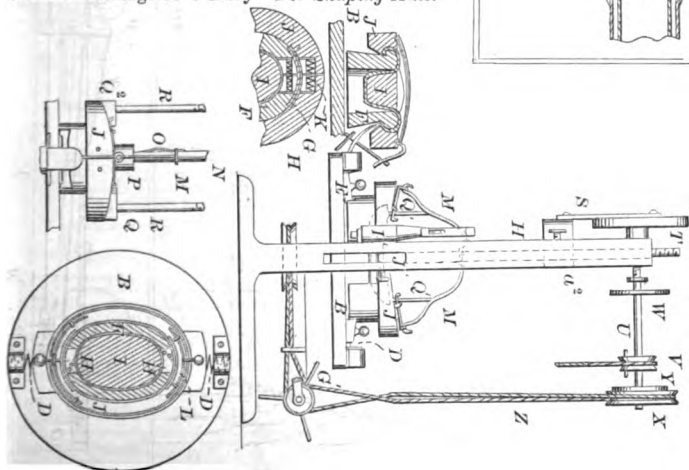
88863—J. R. Finley—Pitman.



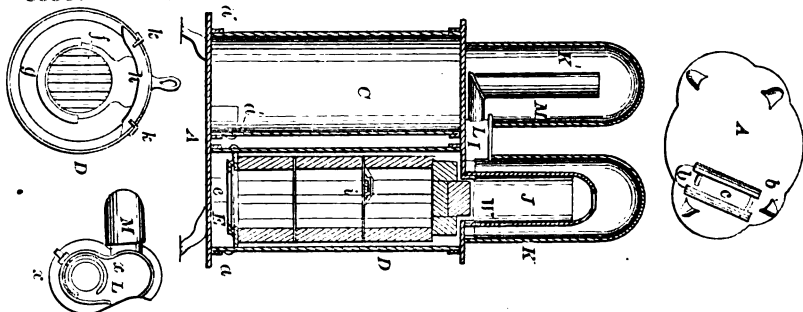
88864—L. Fulton—Smoke Stack.



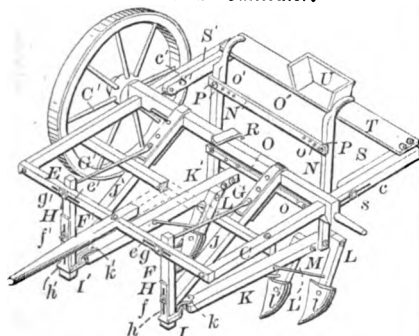
88865—Gallagiere & Ruby—For Shaping Hats.



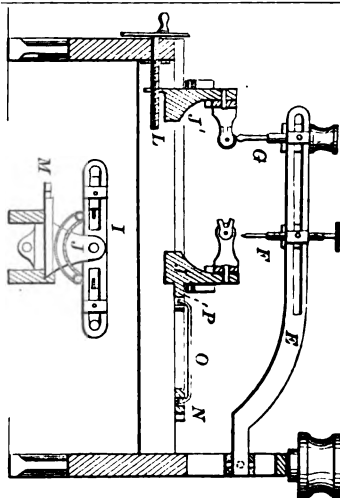
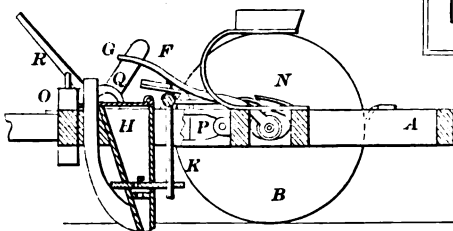
88867—W. P. Hall—Stove and Furnace.



88868—J R. Hand—Cultivator.

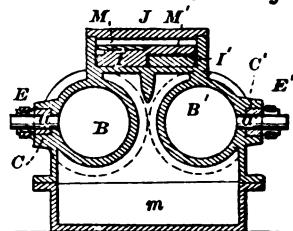


88870—I. F. Herrin—Seed Planter.

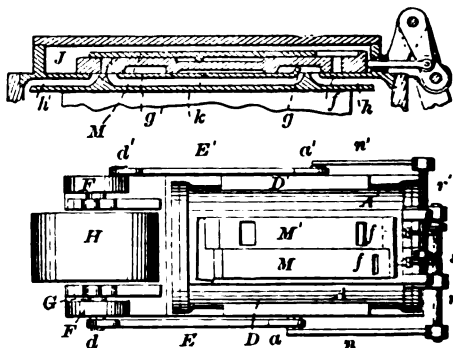
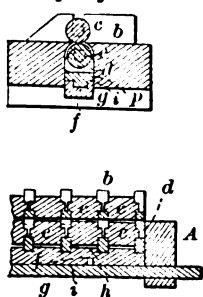


88869—A. Hemel—Curing Machine.

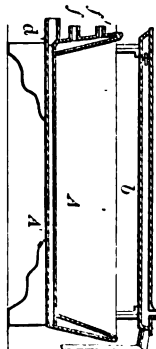
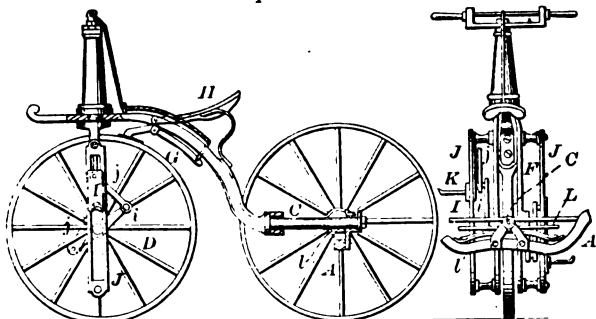
88871—W. C. Hicks—Steam Engine.



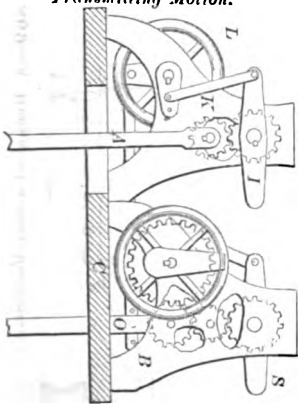
88874—L. Holmes—Carding Engine.



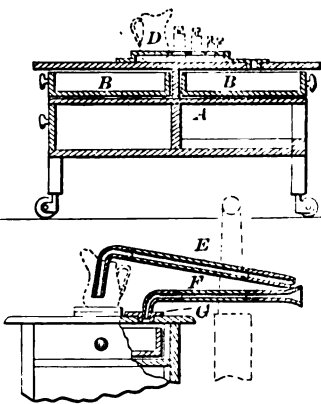
88872—W. S. Hill—*Velocipede.*



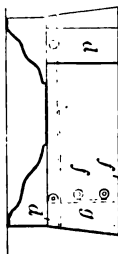
**88876—C. C. Hull—For  
Transmitting Motion.**



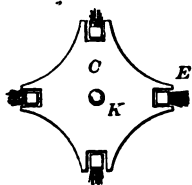
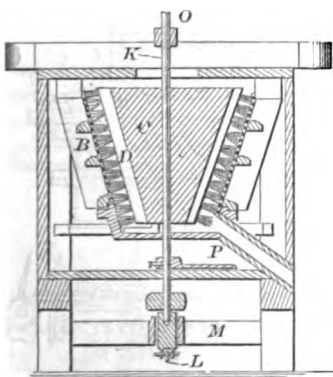
88881—J. Larkin—*Nursing Table.*



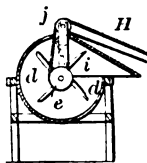
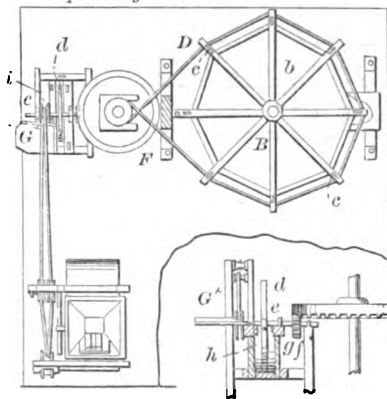
88878—B. F. Jewell—Milk Pan.



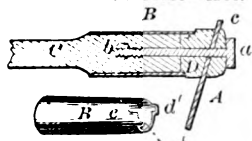
**88875**—S. Hughes—*Bran Duster.*



**88880—J. W. M. Kirkpatrick—Threshing and Separating Machine.**

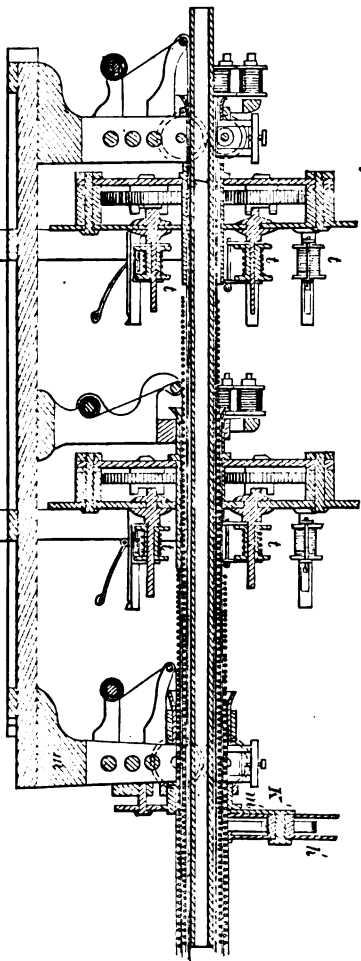


**88884—J. A. Marine—Hoe.**

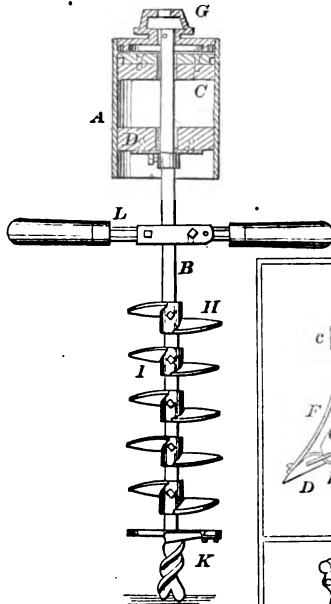




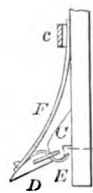
88888—T. J. Mayal—For Rubber Hoses.



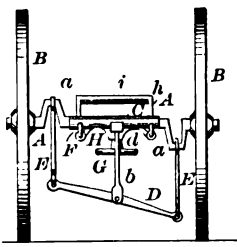
88891—A. A. McMahon—Well Auger.



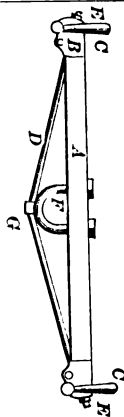
88892—E. Mears—Weather Strip.



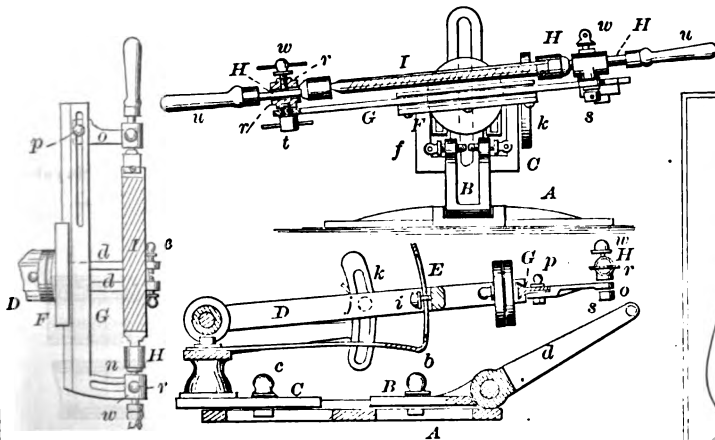
88894—T. H. Mott—Velocipede.



88896—H. W. Palmer—Doubletrec.



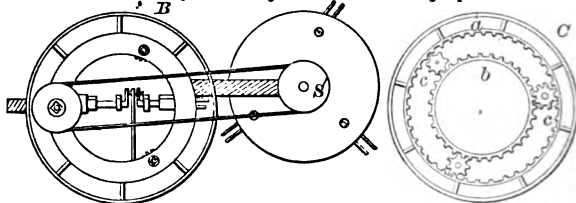
88893—C. G. Miller—Saw Filing Machine.



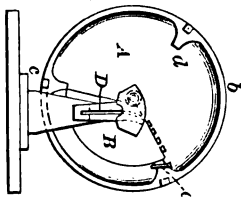
88895—A. Murlock—Schnur.



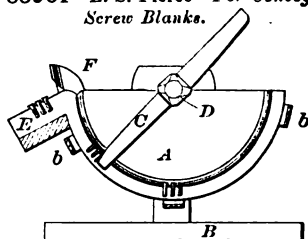
88899—J. G. Perry—Mowing Machine and Hay Spreader.



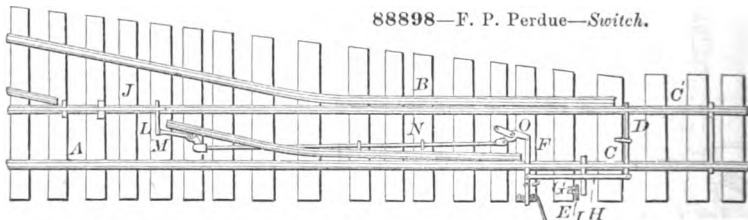
88900—E. S. Pierce—For Conveying Screw Blanks.



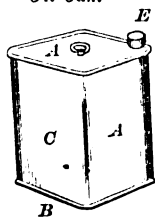
88901—E. S. Pierce—For Concealing Screw Blanks.



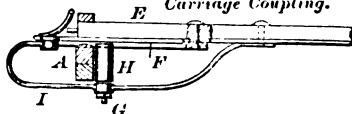
88898—F. P. Perdue—Switch.



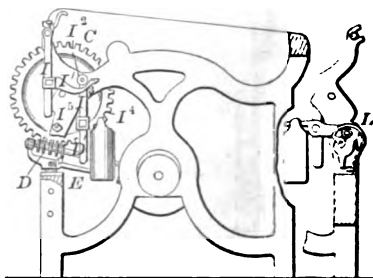
88903—W. Polyblank—Oil Can.



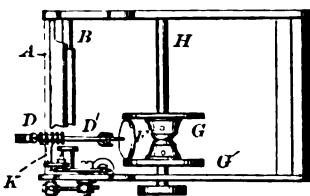
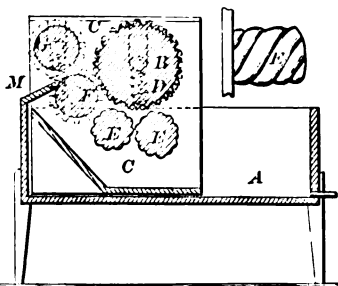
88904—H. J. &amp; W. Pringle—Carriage Coupling.



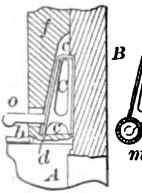
88906—R. Reynolds—Loom.



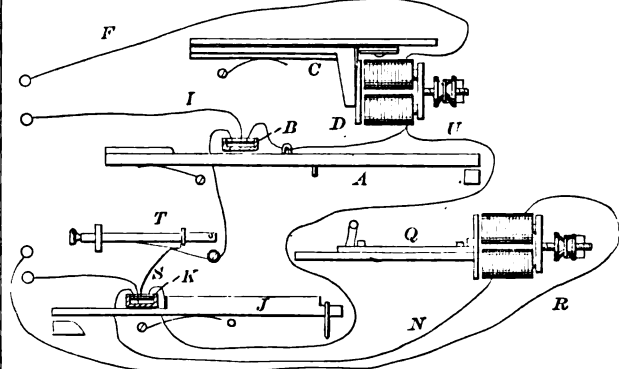
88905—H. O. Reddish—Washing Machine.



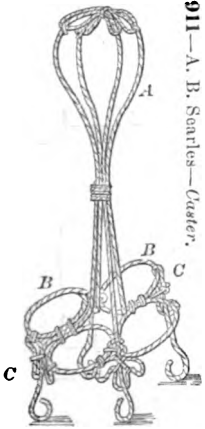
88907—R. Reynolds—Sash Stop and Lock.



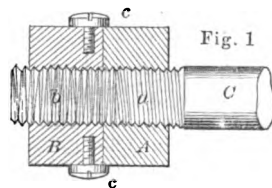
88909—H. L. Roosevelt—Organ Action.



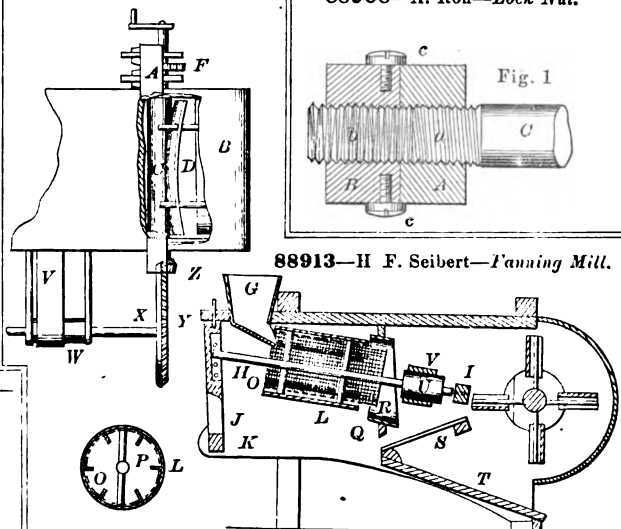
88911—A. B. Searles—Caster.



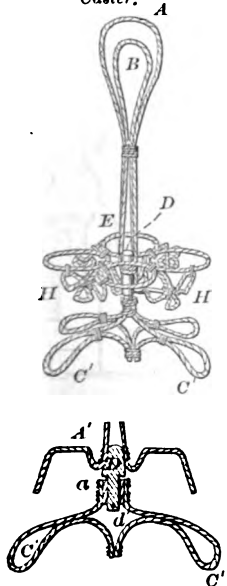
88908—A. Roff—Lock Nut.



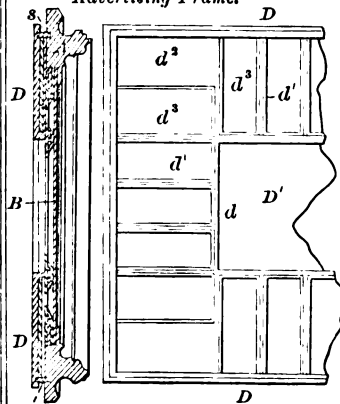
88913—H. F. Seibert—Fanning Mill.



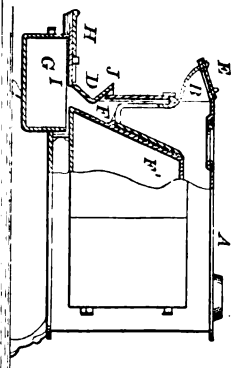
88912—A. B. Searles—Caster.



88910—Sadler & Drysdale—Advertising Frame.

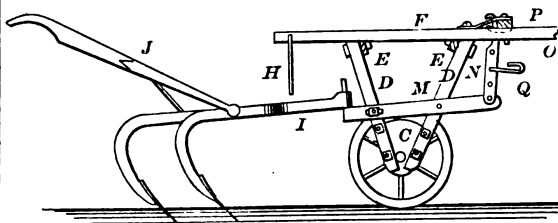


88914—W. G. Semple—Store.

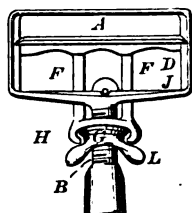




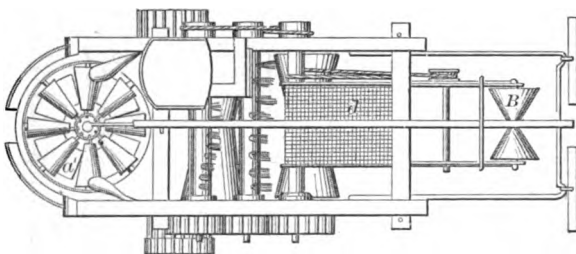
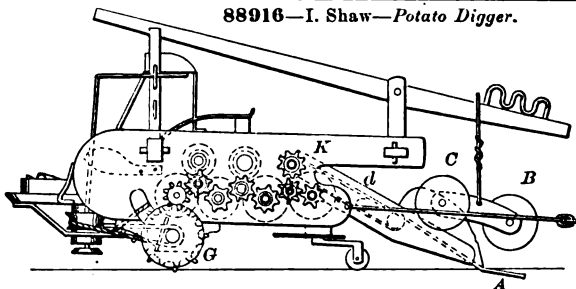
88915—J. B. Sexton—Cultivator.



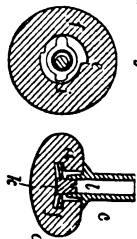
88917—E. &amp; E. G. Sirret—Mop Head.



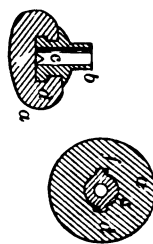
88916—I. Shaw—Potato Digger.



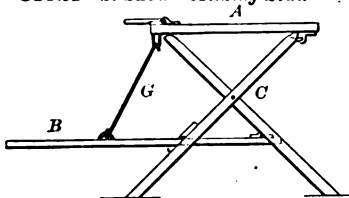
88918—T. J. Sloan—For Securing Knots to Shank.



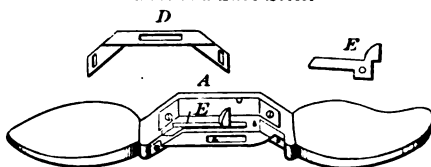
88919—T. J. Sloan—For Securing Knots to Shank.



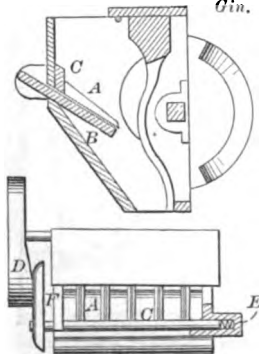
88921—S. Snow—Milking Seat.



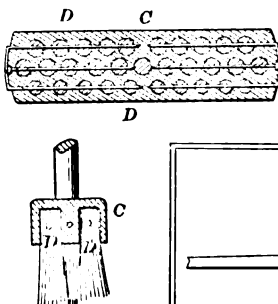
88920—T. Smiley—For Shaving the Edges of Boot and Shoe Soles.



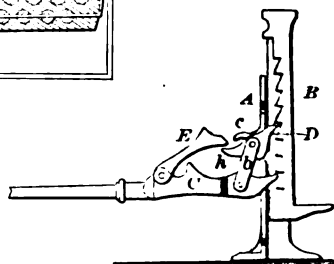
88924—R. W. Stough—Cotton Gin.



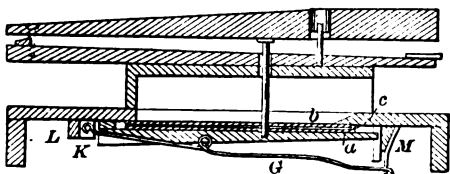
88922—W. C. Spellman—Broom Head.



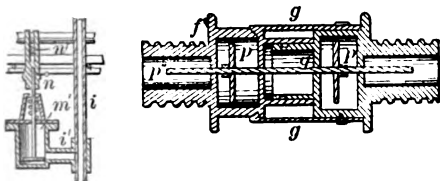
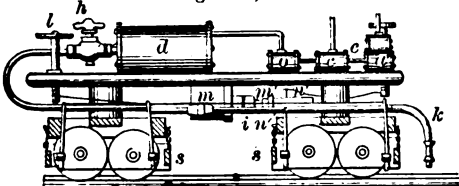
88923—T. Stebins—Lifting Jack.



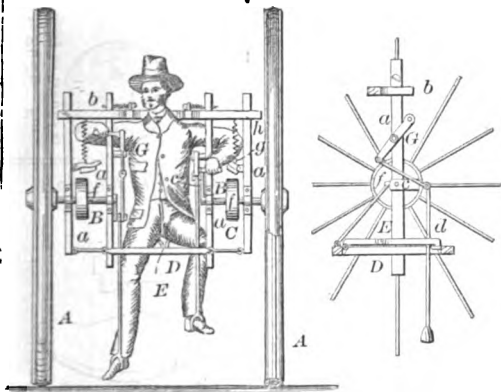
88925—A. L. Swan—*Melodeon.*



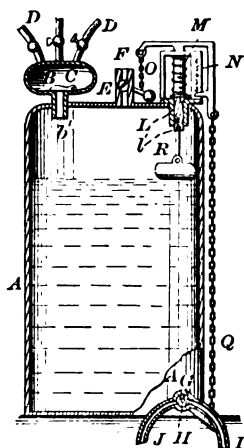
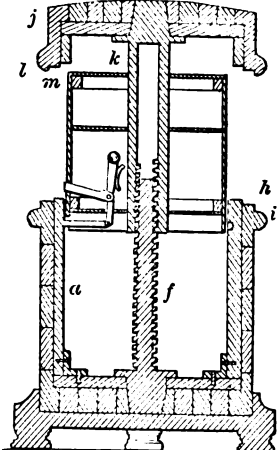
88929—G. Westinghouse, Jr.—*Steam Power Brake.*



88930—J. J. White—*Velocipede.*

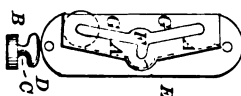


88928—J. Weimar—*Safe.*

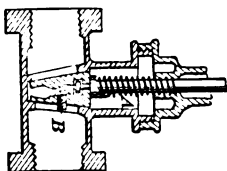


88927—J. L. Treat—*For Raising Beer.*

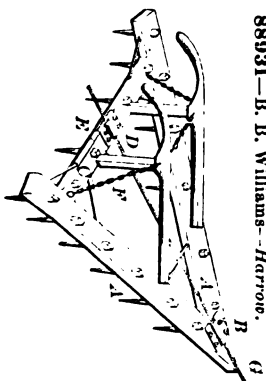
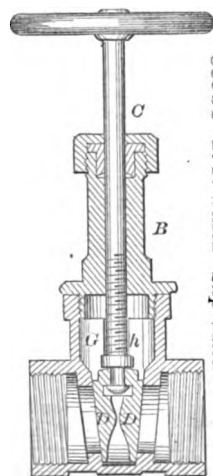
88932—B. F. Wilson—*Sash Holder.*



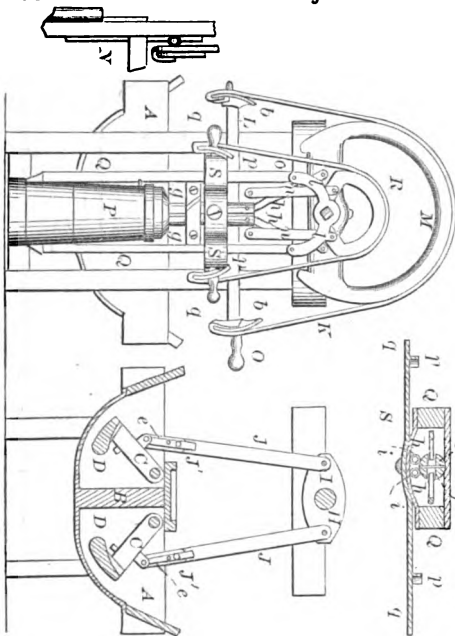
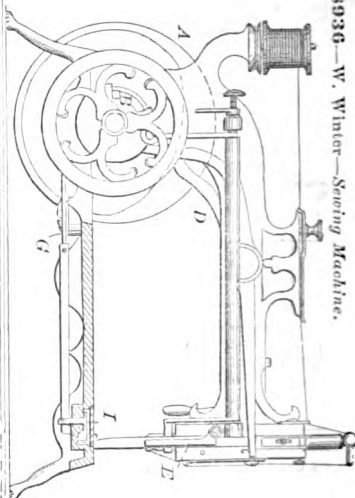
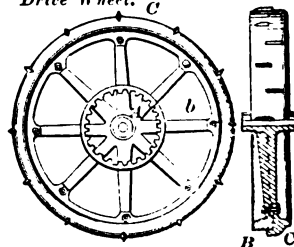
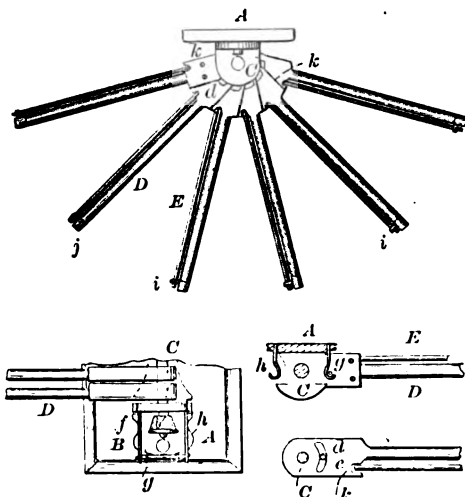
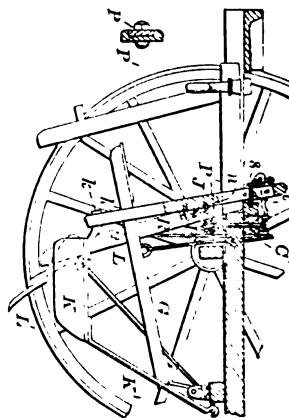
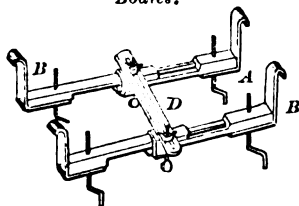
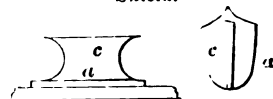
88933—B. F. Wilson—*Stop Valve.*



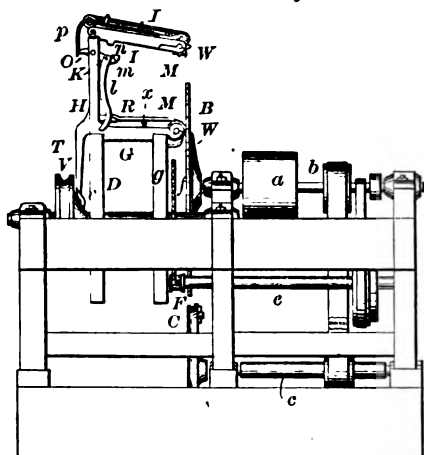
88931—B. F. Wilson—*Stop Valve.*



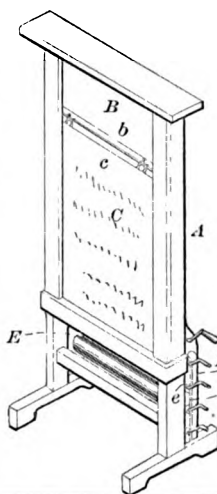
88931—B. B. Williams—*Harrow.*

88935—W. W. Wilson—*Washing Machine.*88936—W. Winter—*Sealing Machine.*88938—W. A. Wood—*Harvester Drive Wheel, C.*88937—Winterhalder & Wilson—*Clothes Dryer.*88940—J. Armstrong, Jr.—*Calculator.*88944—J. D. Cole—*For Adjusting Carriage Bodies.*88942—C. N. Brainerd—*Finger Shield.*

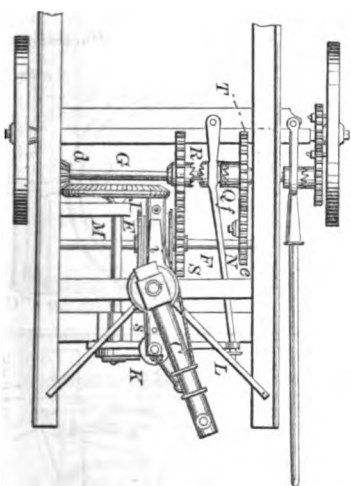
88943—Chase & Morton—Shingle Machine.



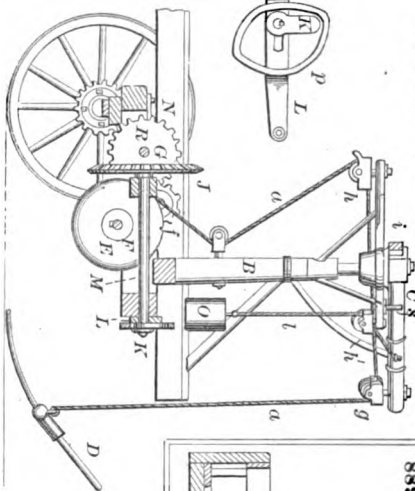
88947—H. V. Edmond—For Exhibiting Hymns.



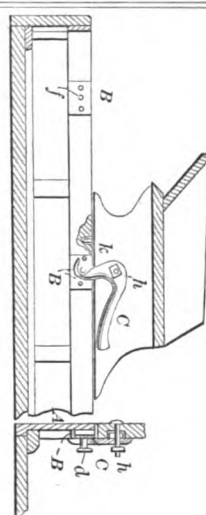
88945—E. Cooper—Hay Loader.



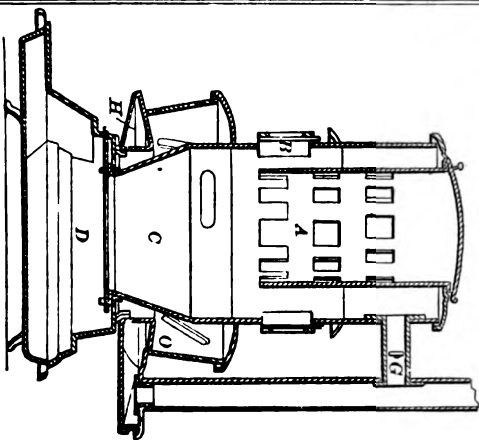
88945—E. Cooper—Hay Loader.

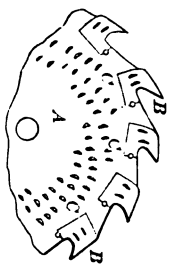


88950—Taber & Martin—Wagon Seat Fastening.

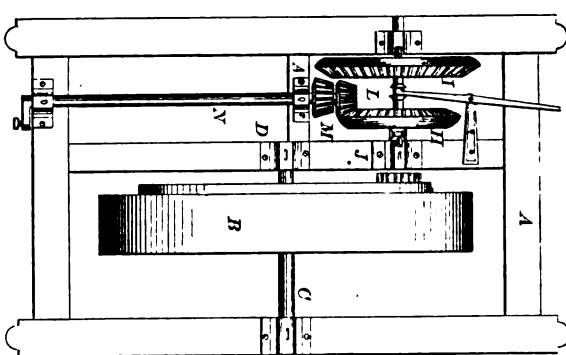


88946—D. B. Cox—Store.



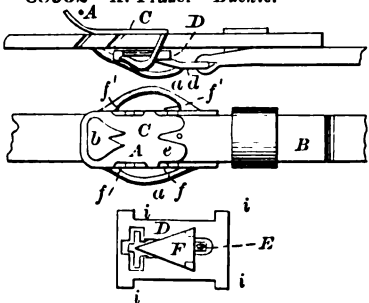


88949—J. E. Emerson—Saw.

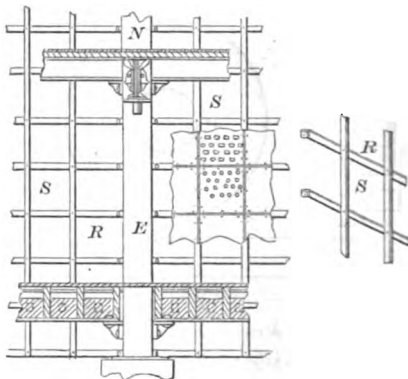


88951—A. Foot-Harvester.

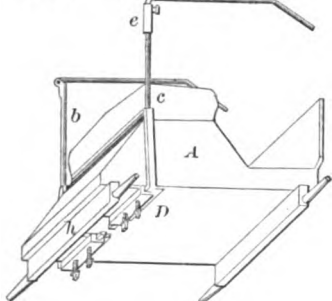
88952—K. Frazer—Buckle.



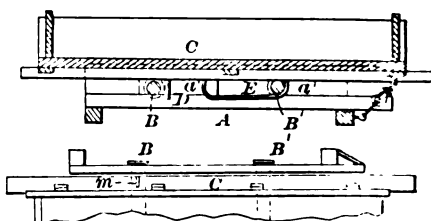
88953—W. J. Fryer—Building.



88954—G. Fuchs—Wagon Top.

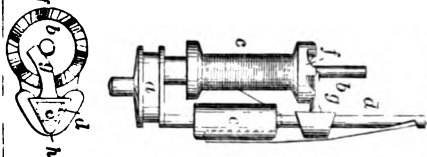


88955—T. H. Gary—Dumping Wagon.

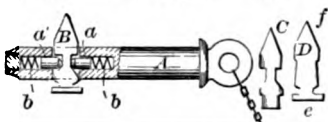


88958—F. Henderson—Lifting Tool.

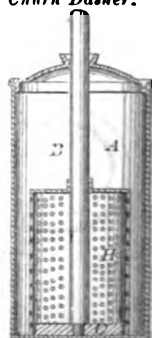
88956—T. Greenhalgh—Braiding Machine.



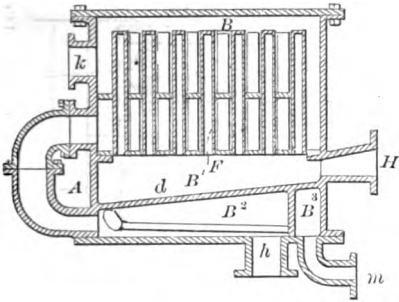
88959—C. H. Hopkins—Bolt.



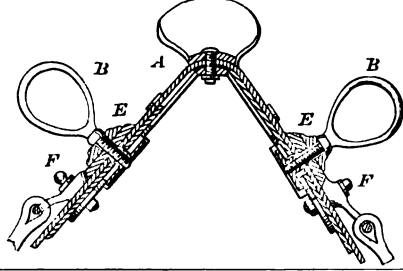
88957—W. J. Hale—Churn Dasher.



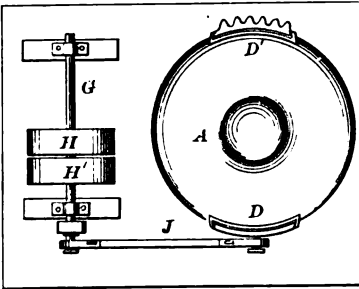
**88960**—J. Houpt—*Surface Condenser.*



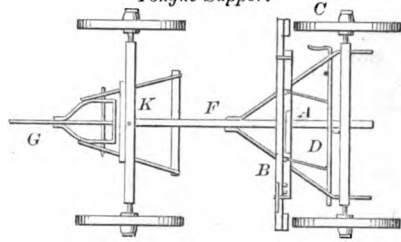
**88961**—W. G. Hull—*Saddle.*



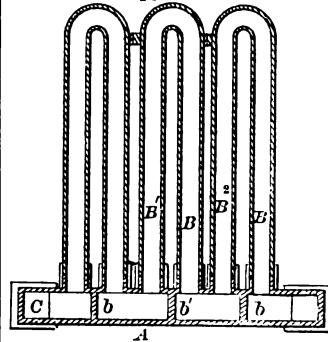
**88963**—S. Johnson—*Amalgamator.*



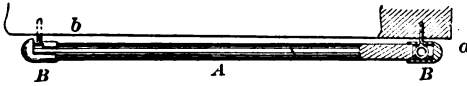
**88962**—A. C. Jaques—*Wagon Brake and Tongue Support*



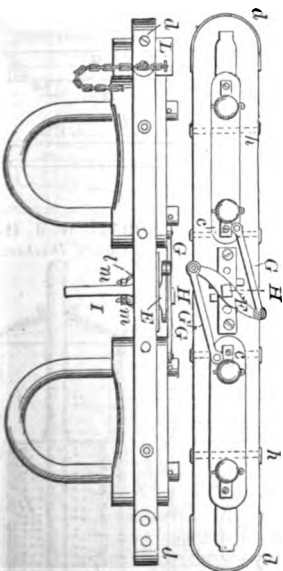
**88964**—J. C. Kent—*Blust Heating Apparatus.*



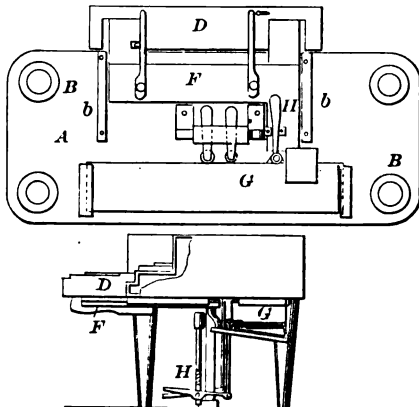
**88966**—M. Krickl—*Stair Rod.*

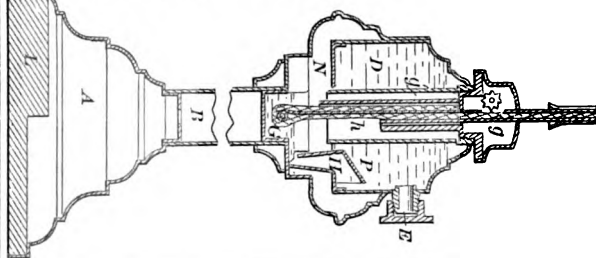
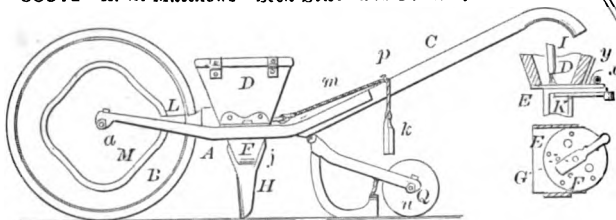
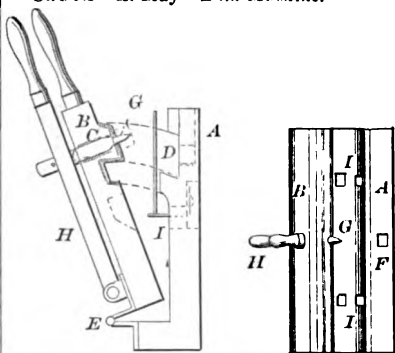
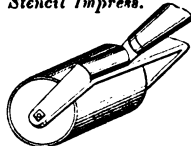
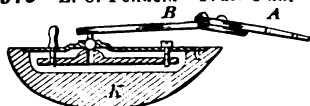
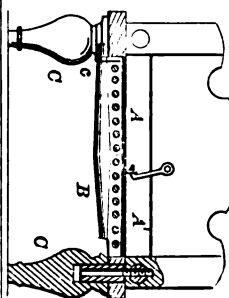
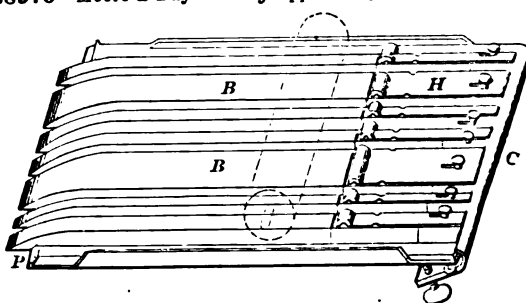
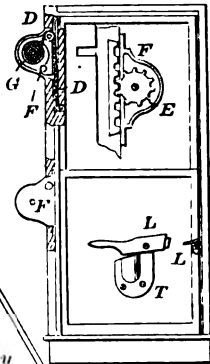
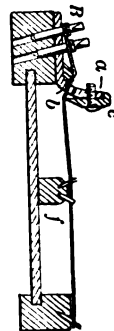
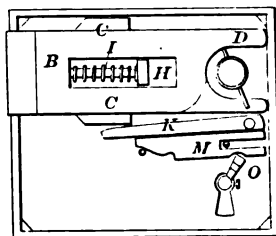


**88965**—Knowlton & Smith—*Ox Yoke.*

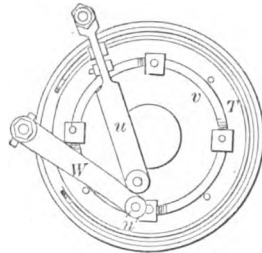
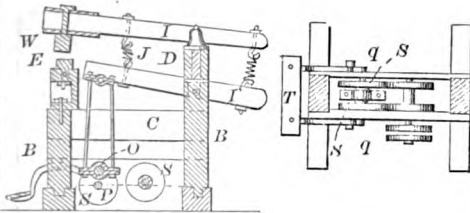


**88967**—L. Louis—*Melodeon Attachment to Piano Fortes.*



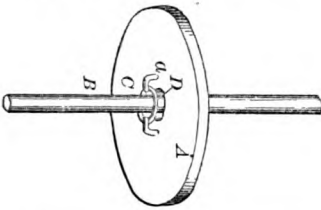
88968—L. Mangeon—*Lamp.*88971—E. G. Matthews—*Seed Sower and Planter.*88972—E. May—*Lath Machine.*88975—G. V. Metzel—*Stencil Impress.*88979—E. C. Penfield—*Truss Pad.*88977—J. Muller—*Bedstead.*88976—Moore & Day—*Inking Apparatus for Color Printing.*88969—W. J. & A. T. Munger—*Stitch Shop.*88970—T. Marshall—*Piano Forte.*88974—J. McLeod—*Latch and Lock.*

**88980—T. T. Prosser—Power Hammer.**

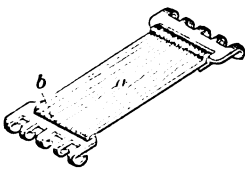


**88981—T. T. Prosser—For Heading Bolts.**

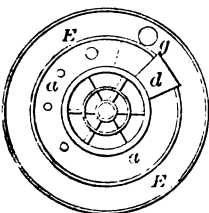
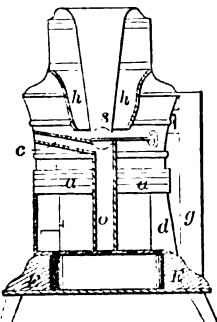
**88983—E. Reynolds—Churn Lid Screen.**



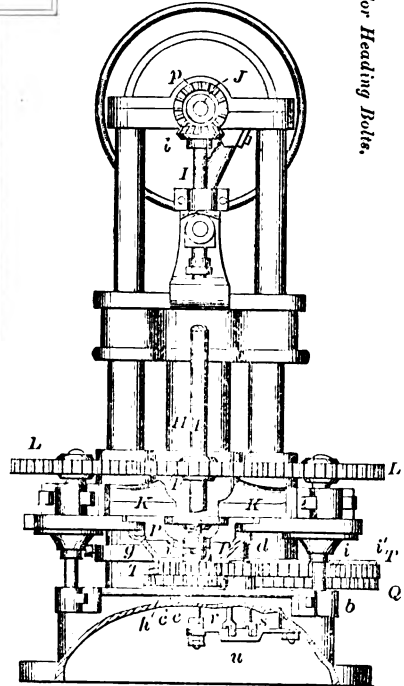
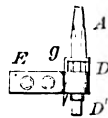
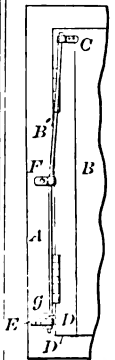
**88984—J. A. Robbins—Supporter.**



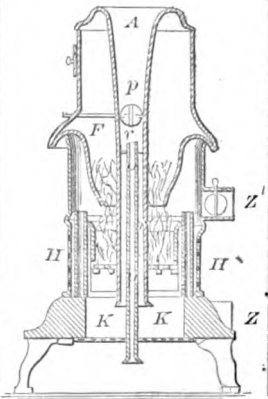
**88986—E. Smith—Stove.**



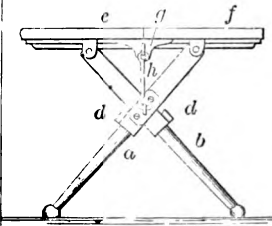
**88985—W. Ross—Door Spring.**



**88987—E. Smith—Stove.**

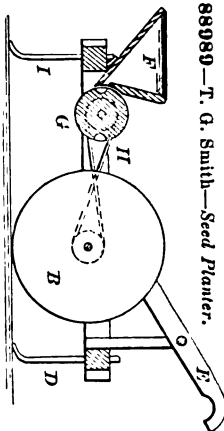


**88988—J. W. Smith—Table.**

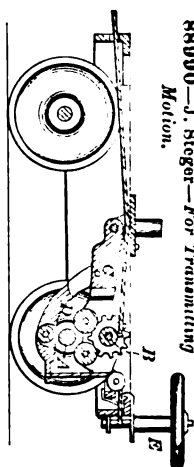




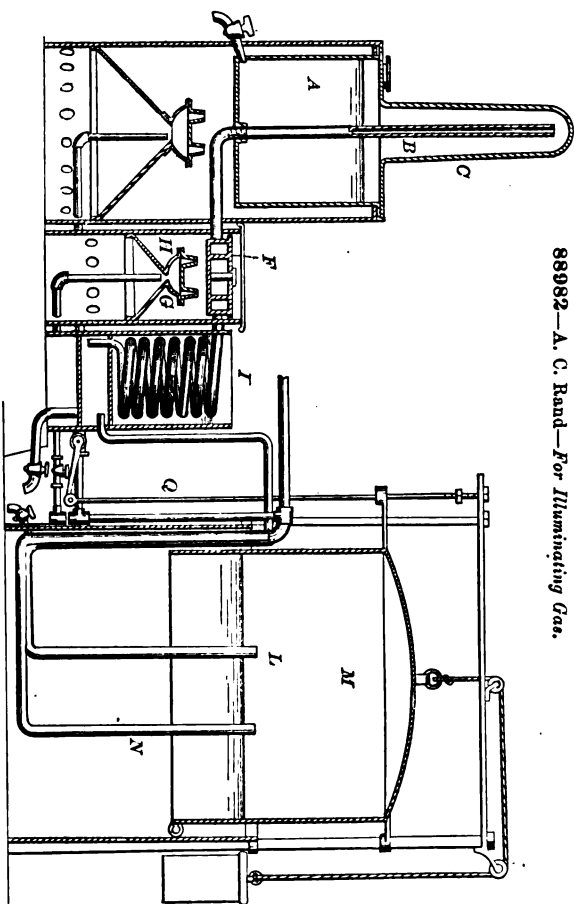
88989—T. O. Smith—Seed Planter.



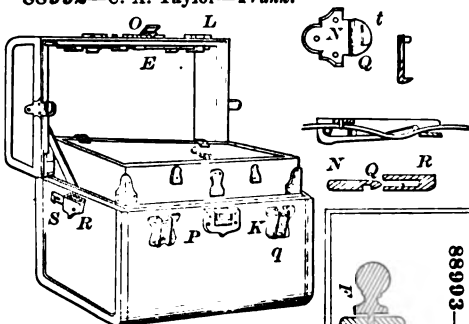
88990—J. Steger—For Transmitting Motion.



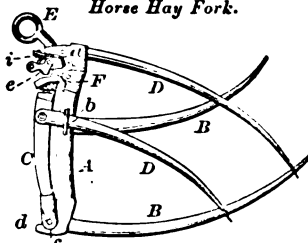
88982—A. C. Rand—For Illuminating Gas.



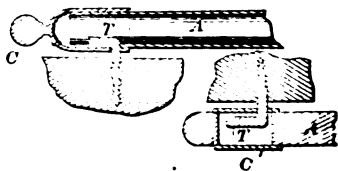
88992—C. A. Taylor—Trunk.



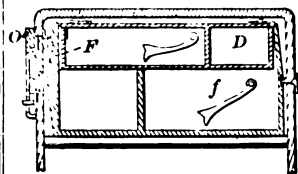
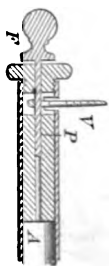
88991—J. B. Sweetland—Horse Hay Fork.



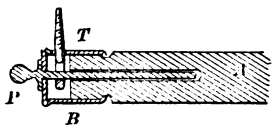
88994—H. Uhry—Stair Rod.



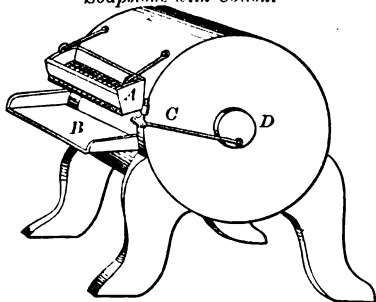
88993—H. Uhry—Stair Rod.



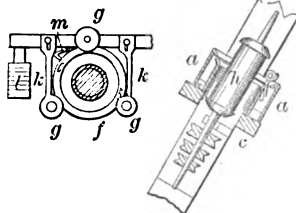
88995—H. Uhry—Stair Rod.



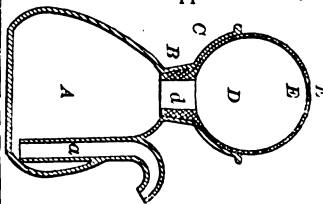
88997—T. Welham—For Mixing Soapstone with Cotton.



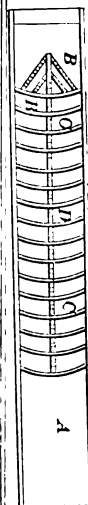
88996—T. Welham—Ring and Traveler for Spinning.



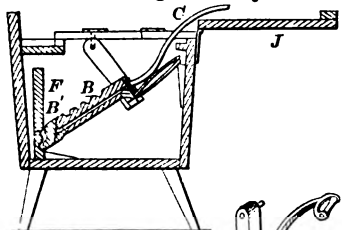
88999—J. P. Whipple—Pitcher.



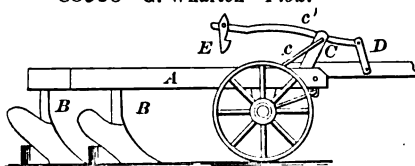
89001—J. C. Currier—Corn Shelter.



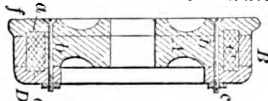
89000—J. Young—Washing Machine.



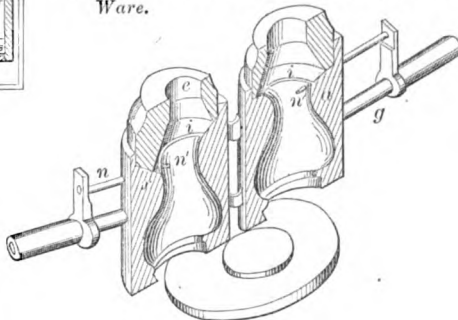
88998—G. Wharton—Plow.



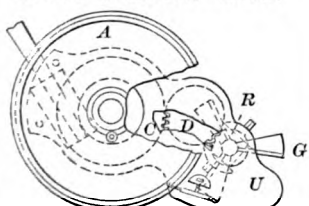
89003—J. P. Allen—Car Wheel.



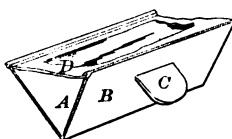
89005—J. S. & T. B. Atterbury—For Glass Ware.



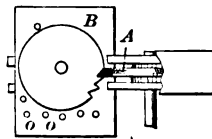
89004—J. Arbeiter—Mower.



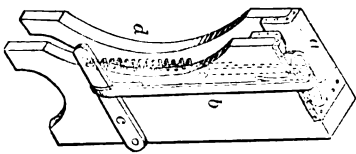
89002—J. F. Adams—Gold Leaf Condenser.



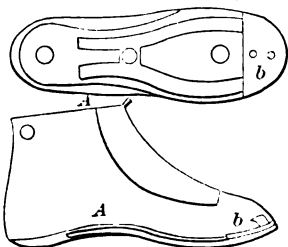
89006—A. Bartlett—Saw Sharpener.



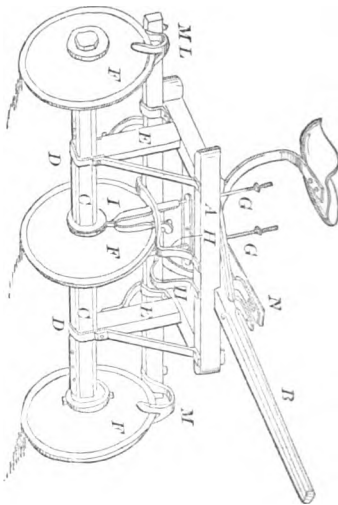
**89007—I. N. Beals—For Lasting  
Boots and Shoes.**



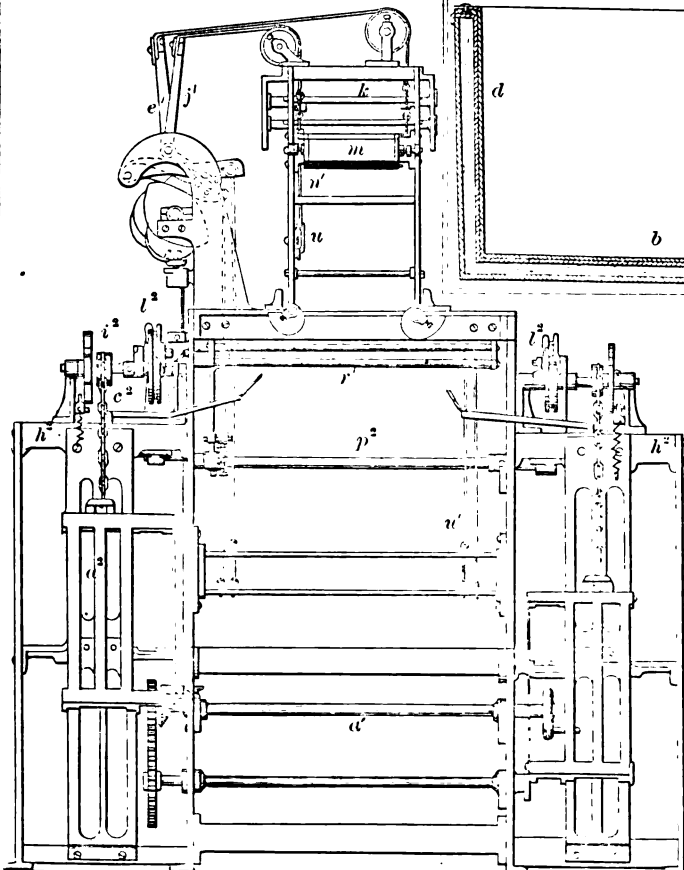
**89009—H. R. Bean—Last.**



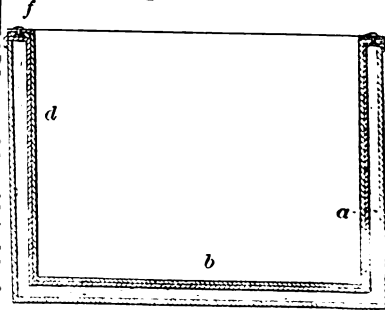
**89008—J. H. Bean—Corn Marker.**



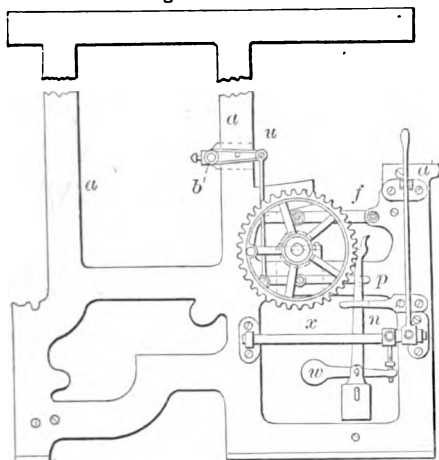
**89011—E. B. Bigelow—Loom.**



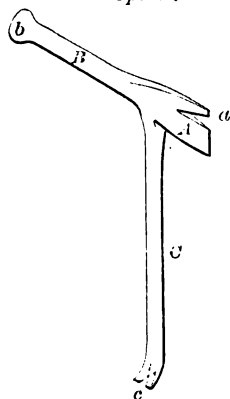
**89010—E. Bigelow—Ice Chest.**



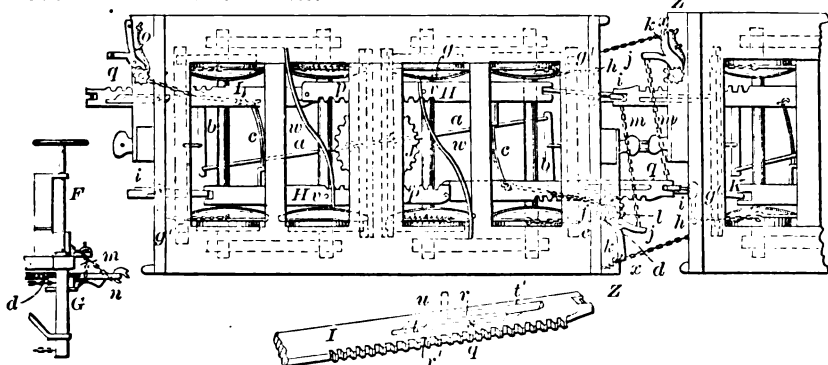
89012—E. B. Bigelow—Loom.



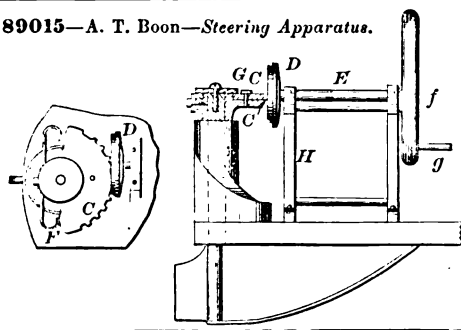
89013—R. Blake—Box Opener.



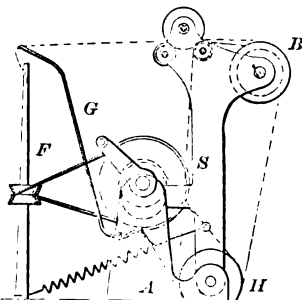
89014—J. T. Blois—Car Brake.



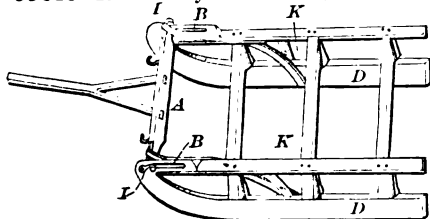
89015—A. T. Boon—Steering Apparatus.



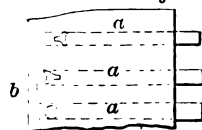
89017—H. B. Briggs—Spinning Frame.

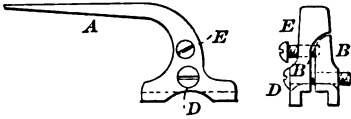
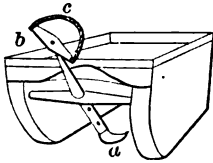
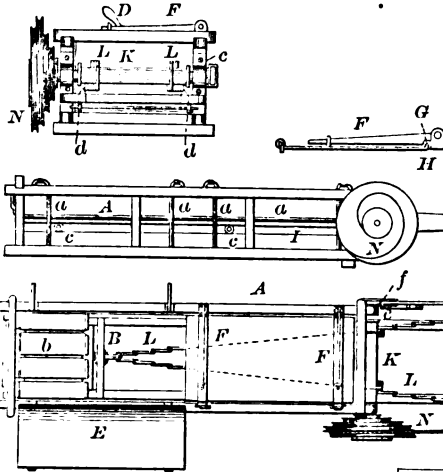
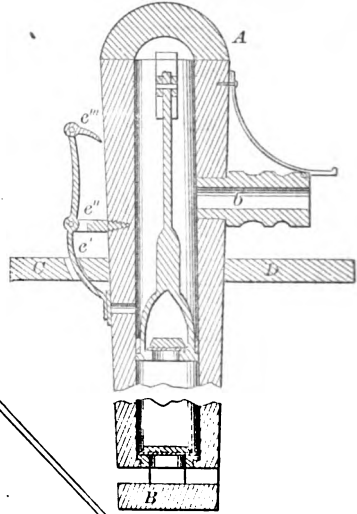
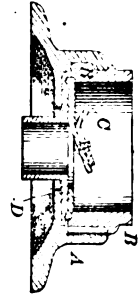
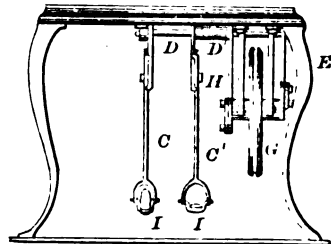
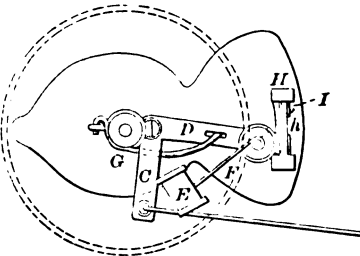
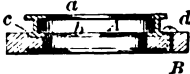
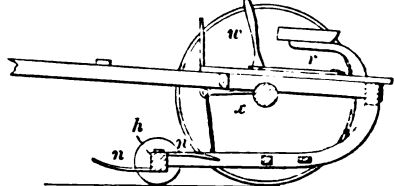


89016—A. J. Bralley—Sled Brake.

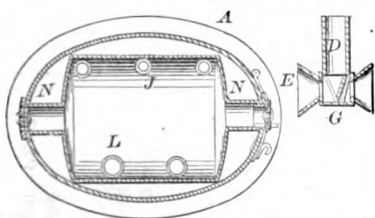
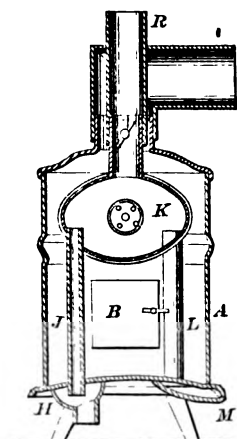


89018—J. W. Brooks—Corset Fastening.

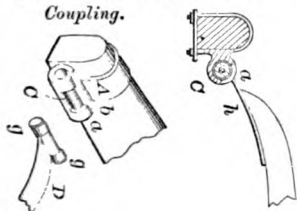


**89019—A. P. Brown—File Holder.****89021—G. Buchanan—For Steering Sleds.****89022—E. Bucl—Baling Press.****89020—J. H. Brown—Pump Valve.****89023—Bulkley & Shepard—Pump Valve.****89026—H. J. Case—Mechanical Movement.****89024—L. S. Carpenter—Gong Bell.****89025—W. T. Carroll—Ring for Spinning Frame.****89029—E. Crandal—Horse Rake.**

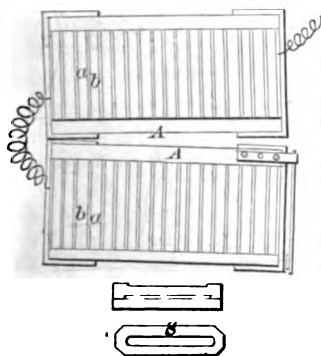
**89027**—L. R. Comstock—*Car Stove.*



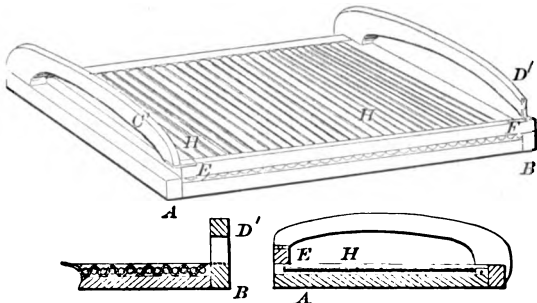
**89032**—J. Dempsey—*Thill Coupling.*



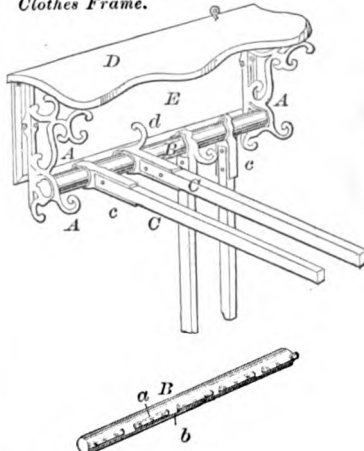
**89036**—A. C. Garratt—*Voltaic Battery.*



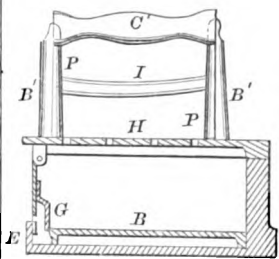
**89028**—C. F. Corbett—*Fluting Machine.*



**89031**—J. Danner—*Shelf, Coat Rack and Clothes Frame.*



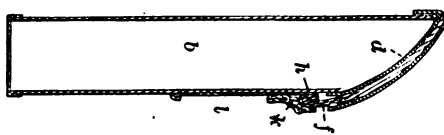
**89033**—A. Doll—*Sad Iron Heater.*

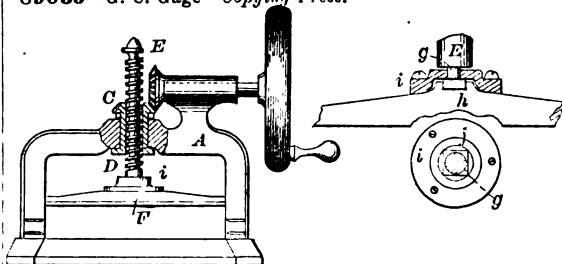
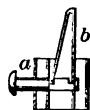
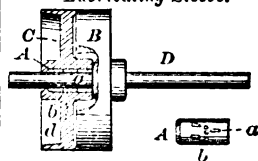
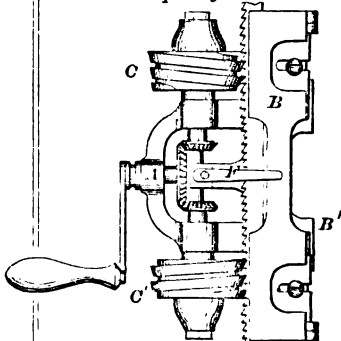
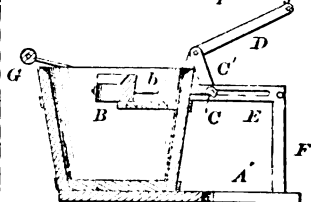
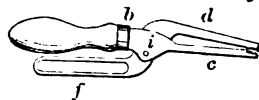
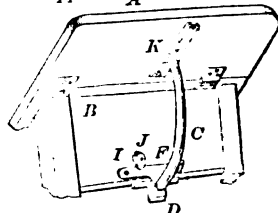
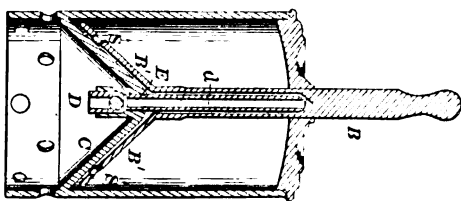
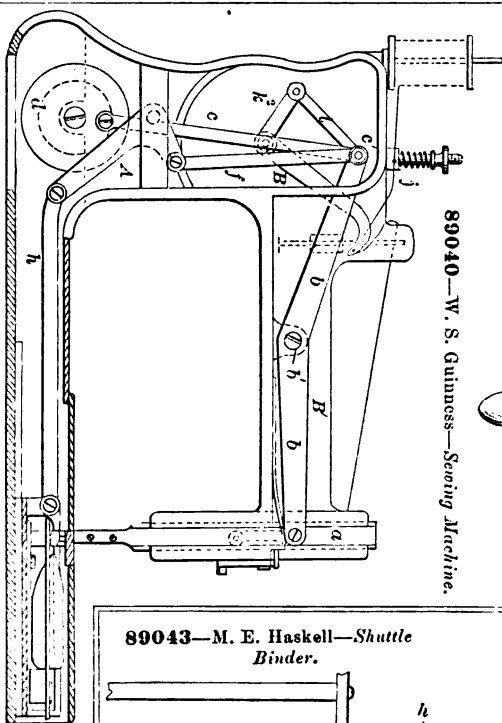
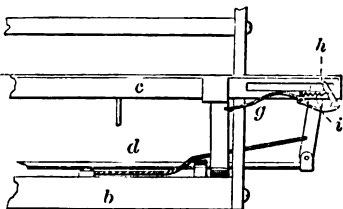


**89030**—J. W. Culbertson—*Syringe.*

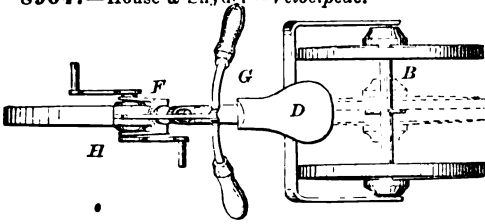


**89034**—J. Foster—*Safety Pocket.*

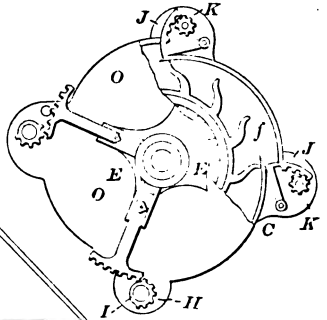


**89035**—G. C. Gage—*Copying Press.***89037**—G. S. Grant—*Bracelet Snap.***89038**—O. E. Greene—*Lubricating Sleeve.***89042**—J. H. Harrison—*Saw Sharpening Device.***89041**—W. Hall—*Mop Wringer.***89044**—N. L. Hatch—*Tongs.***89045**—J. Hiltz—*Table Leaf Support.***89046**—S. B. Holden—*Churn.***89040**—W. S. Guinness—*Sewing Machine.***89043**—M. E. Haskell—*Shuttle Binder.*

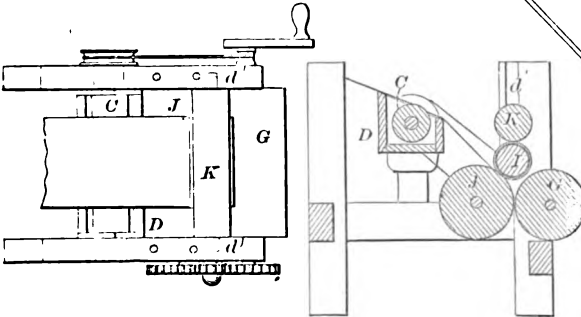
89047—House & Snyder—*Velocipede.*



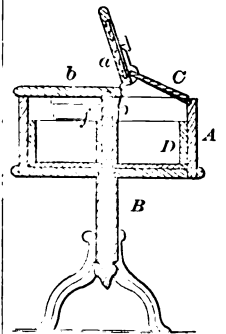
89050—J. Jordan—*Water Wheel.*



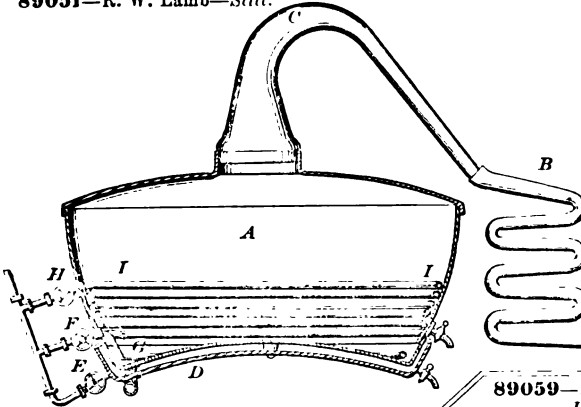
89048—D. Hussey—*For Finishing Cloth.*



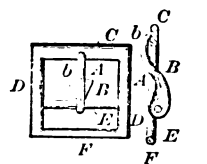
89052—W. S. Little—*Work Table.*



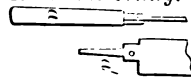
89051—R. W. Lamb—*Still.*



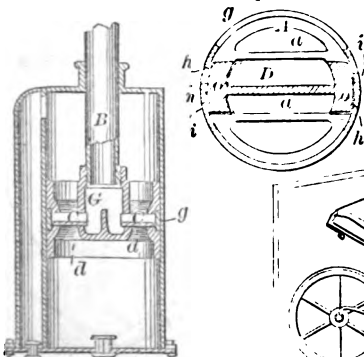
89057—A. C. Luther—*Buckle.*



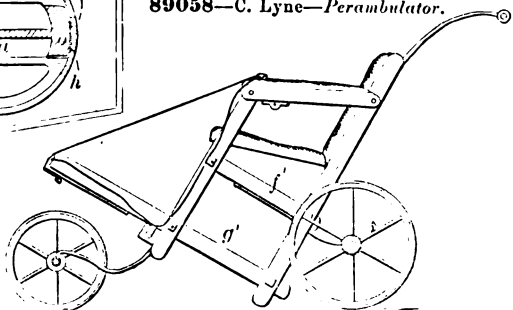
89059—Mason & Binus—*Attaching Handles to Cutlery.*



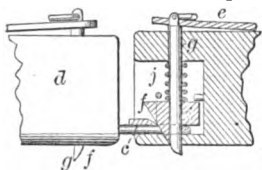
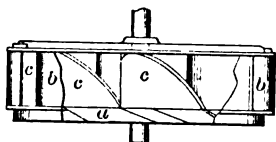
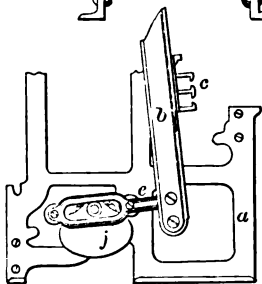
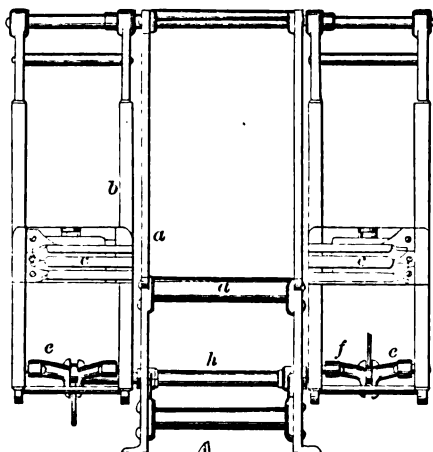
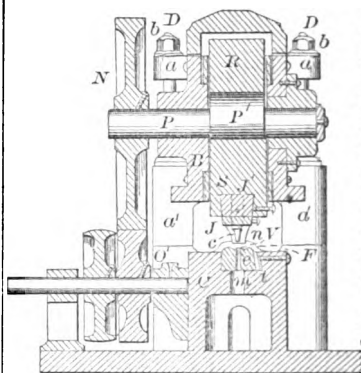
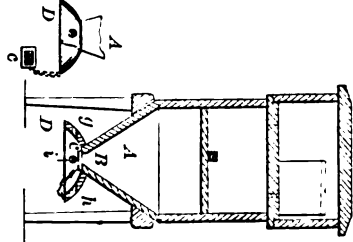
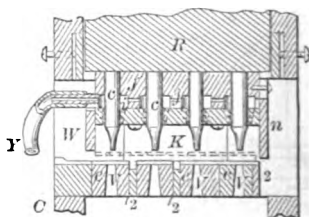
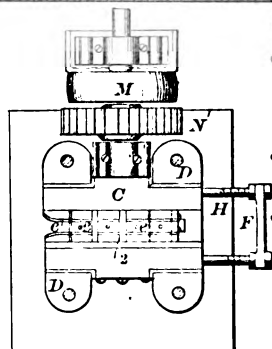
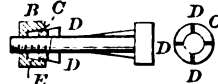
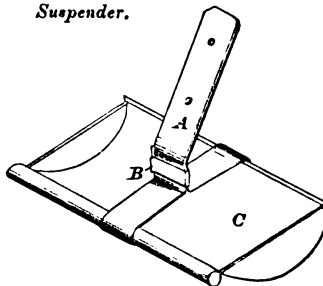
89060—S. G. Mason—*Pump Piston.*



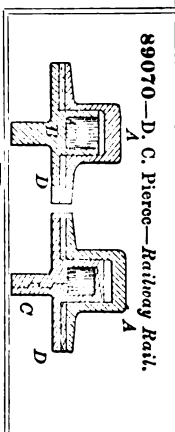
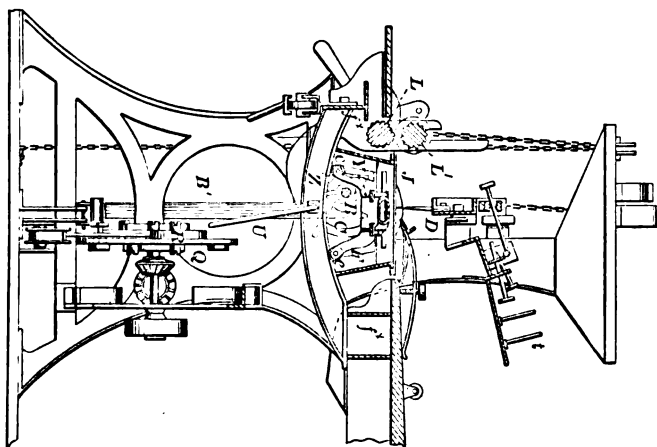
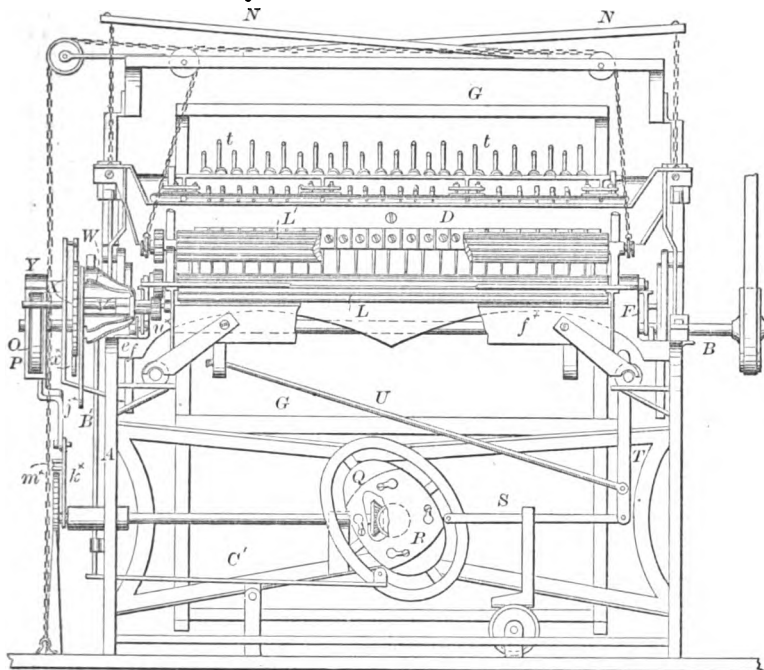
89058—C. Lyne—*Perambulator.*



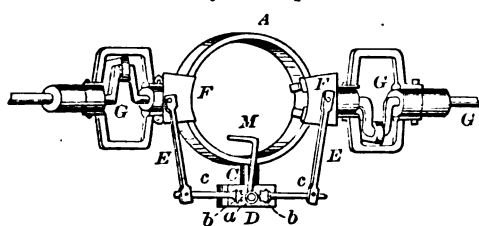


**89061—A. McLean—Car Coupling.****89063—I. Morse—Water Wheel.****89065—A. Murray—Power Loom.****89067—O. Osmundson—Beehive.****89062—W. Morehouse—For Punching, Shearing and Straightening Fish Bars.****89066—B. W. Nichols—Jam Nut.****89068—T. F. Palm—Eucestrough Suspendor.**

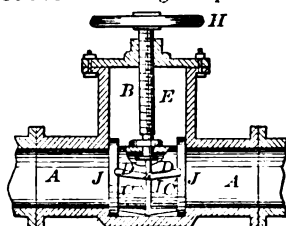
89064—W. Muir—Sewing Machine.

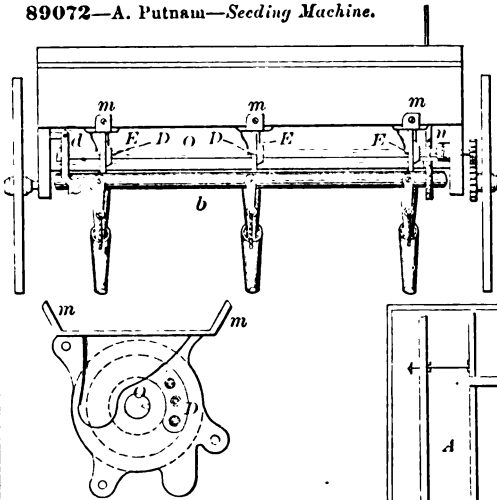
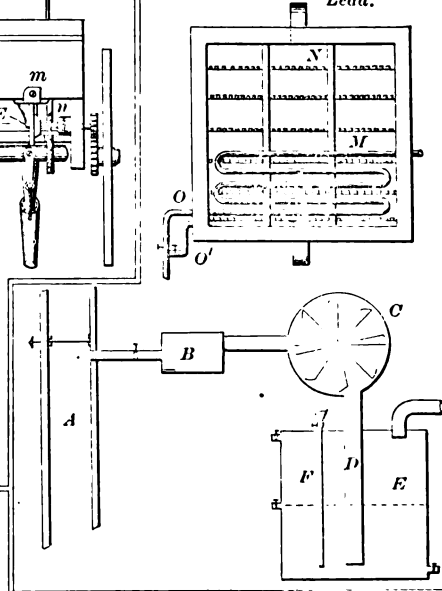
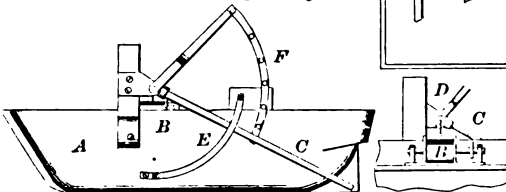
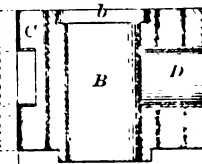
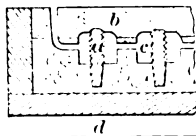
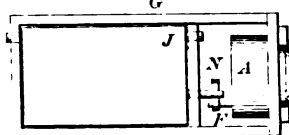
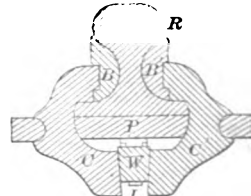
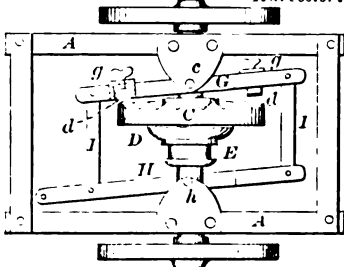
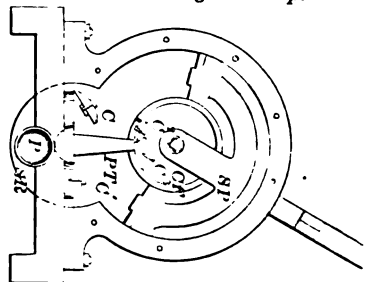


89069—G. T. Parry—Velocipede.

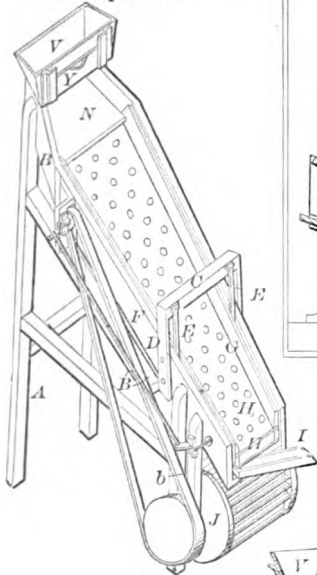


89071—R. Pilling—Stop Valve

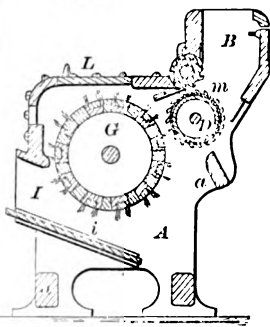


**89072—A. Putnam—Seeding Machine.****89074—T. Reakirt—For White Lead.****89073—D. Quinn—Pump Dredge.****89075—W. G. Reed—Chimney.****89076—J. Reichenbach—For Chilled Castings.****89078—E. B. Rich—Feed Crib.****89079—T. C. Robinson—Railroad Chair.****89082—Saltsman, Charlesworth & Osgood—Harvester.****89080—G. W. Rogers—Pump.**

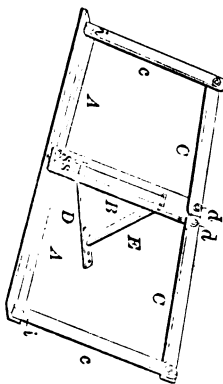
**89081**—M. M. Rowell—  
*Seed Separator.*



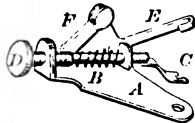
**89083**—C. G. Sargent—  
*Cotton Gin*



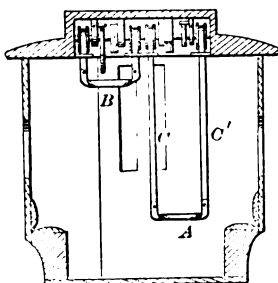
**89084**—A. Schaffer—*Music Rack.*



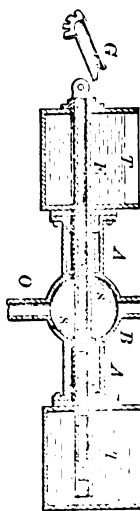
**89085**—C. Scharffe—*Sewing  
Machine Attachment.*



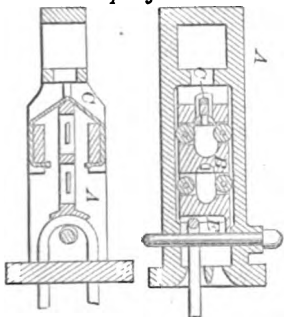
**89086**—P. Shaw—*Car.*



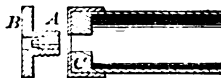
**89087**—Shirk & Martin—*Woolen Reeder.*



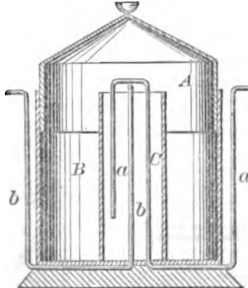
**89089**—J. F. Spaulding—*Car  
Coupling.*



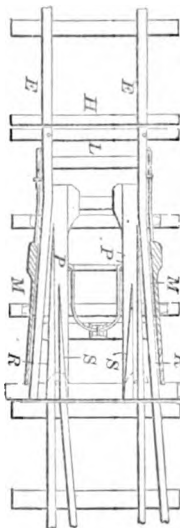
**89088**—Smith & Storrs—  
*Cartridge.*



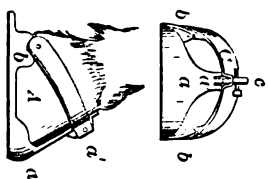
**89090**—C. A. Stebbins—  
*Gas Holder.*



**89092**—C. A. S. Temple—*Strich.*



**89096**—J. H. Tyler—*Horse  
Shoe.*



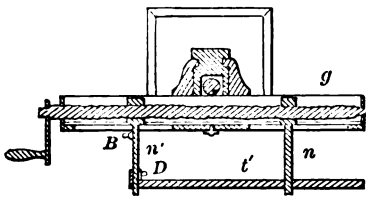
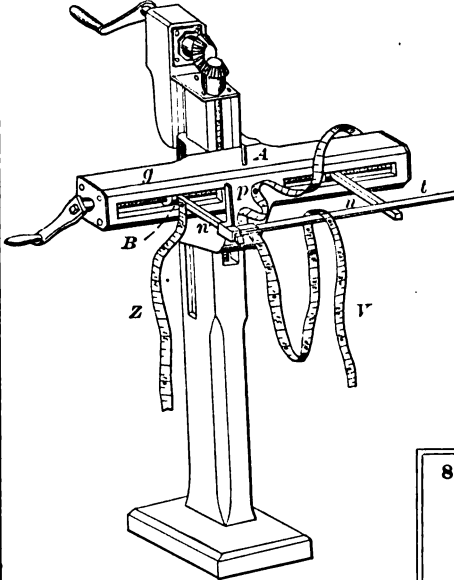
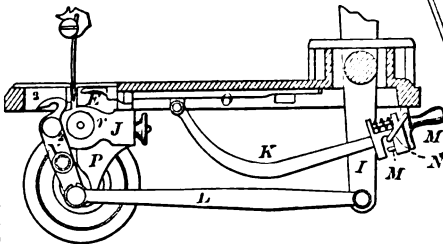
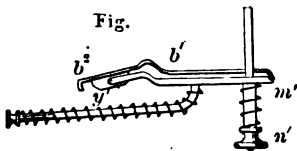
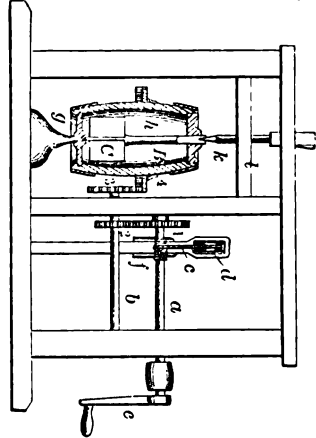
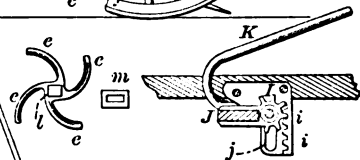
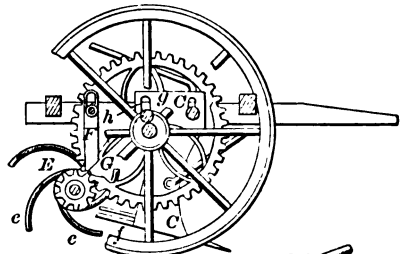
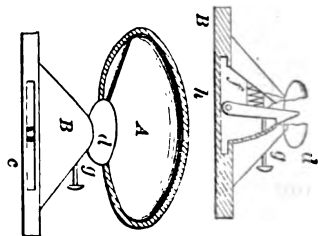
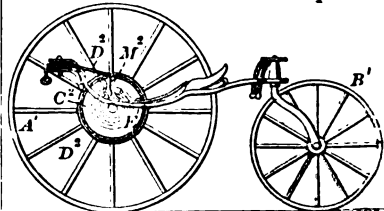
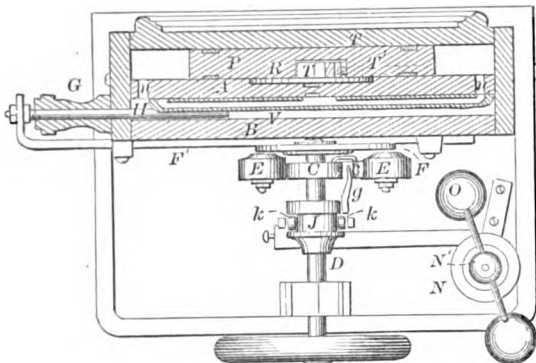
**89091—G. P. Sweezy—For Cutting Garments.****89093—A. Tittman—Sewing Machine.**

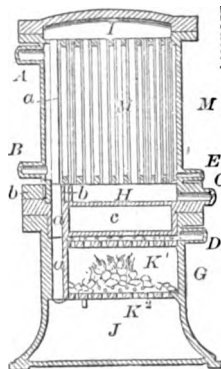
Fig.

**89097—C. Wardwell—Auger.****89098—G. W. Warren—Churn.****89099—Webster & Powers—Potato Digger.****89101—J. S. White—Door Holder.****89102—T. E. M. White—Velocipede.**

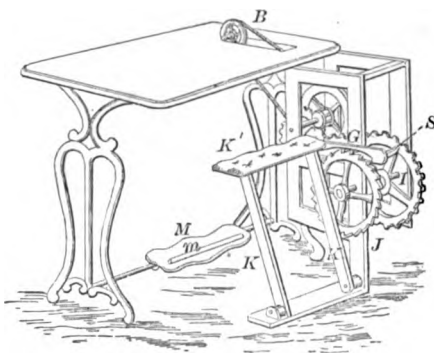
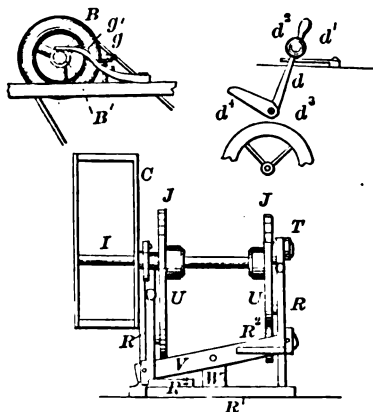
89103—A. Whittemore—Valve Gearing.



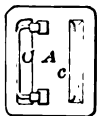
89106—B. F. Wilson—Filtering Feed Water Heater.



89104—A. Whittemore—For Sewing Machines.

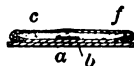


89108—L. C. Woehning—Size Mark for Hats.

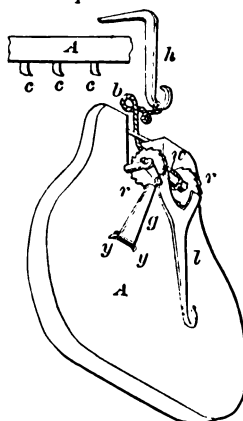


89110—C. E. Woodman—Buckle.

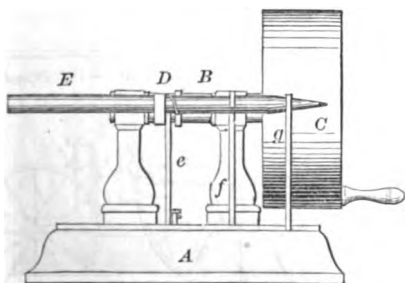
89105—W. Williams—Insole.

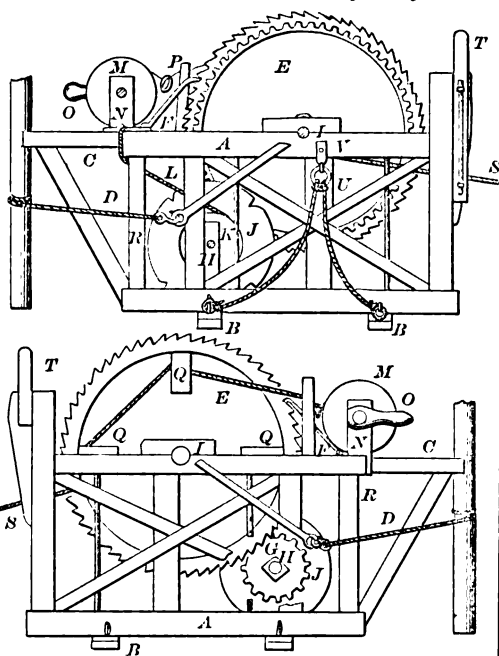
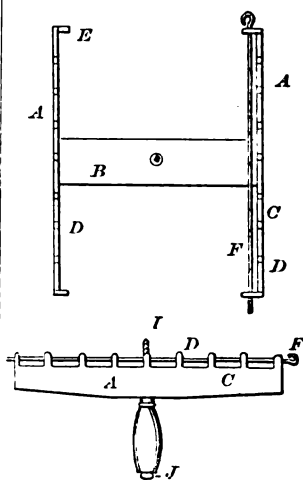
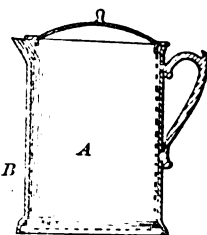
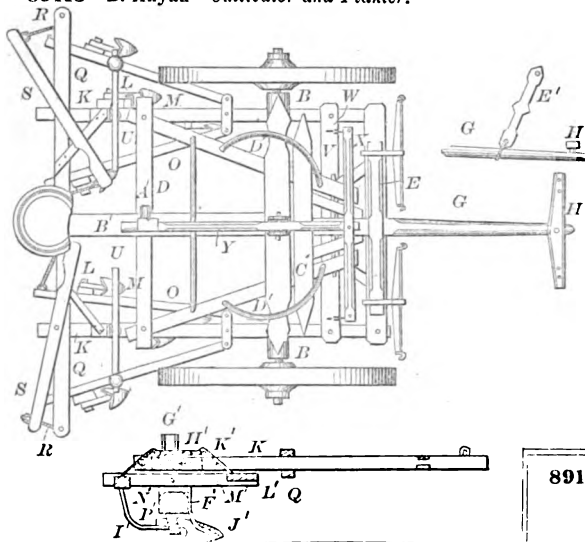
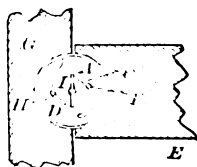
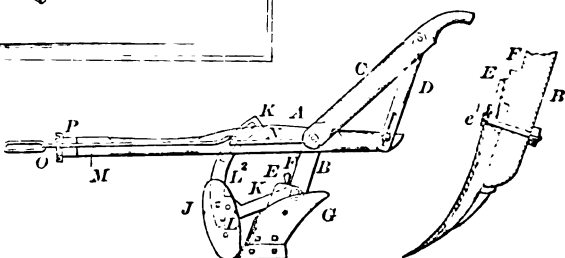
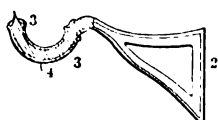


89107—Wilson & Appleyard—Carpet Stretcher.

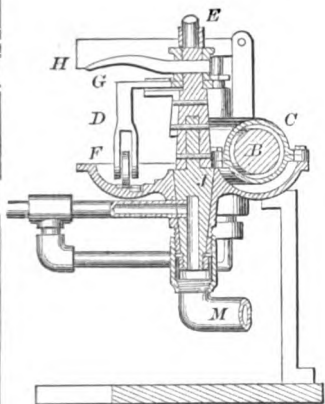


89109—S. S. Woodcock—Pencil Sharpener.

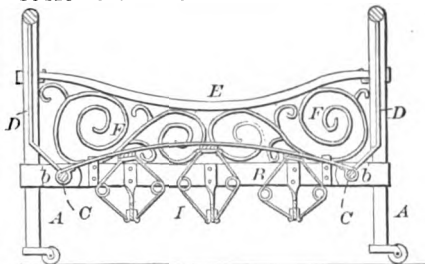


**89111—J. A. Woodworth—For Moving Heavy Bodies.****89112—W. S. Wright—Lathing Machine.****89114—A. Arnold—Tea Pot Case.****89113—B. Anyan—Cultivator and Planter.****89116—J. Barnes—Bedstead Fastening.****89115—G. M. Atherton—Plox****89118—S. S. Bent—Hook for Supporting Carriage Poles.**

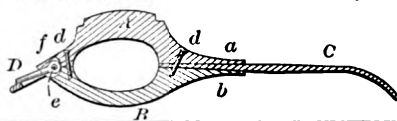
89117—F. Bauschtliker—*Hydrant.*



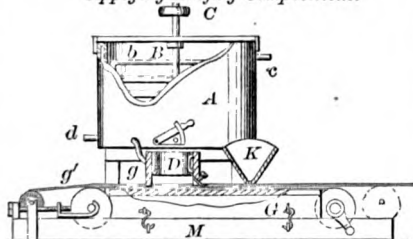
89119—J. Bohmer—*Bedstead.*



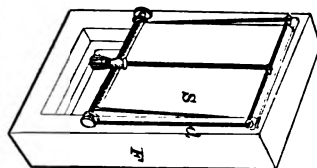
89120—R. O. & D. W. Brackott—*Shaft Support.*



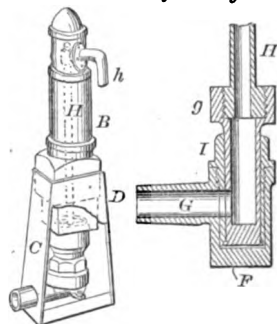
89122—B. S. Brown—*For Compounding and Applying Roofing Compositions.*



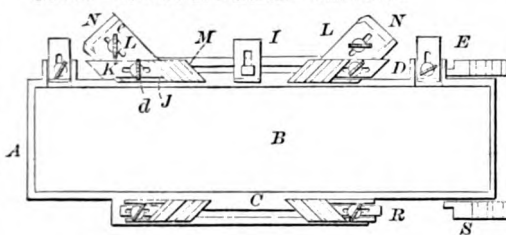
89126—A. M. Cheney—*Curtain Fixture.*



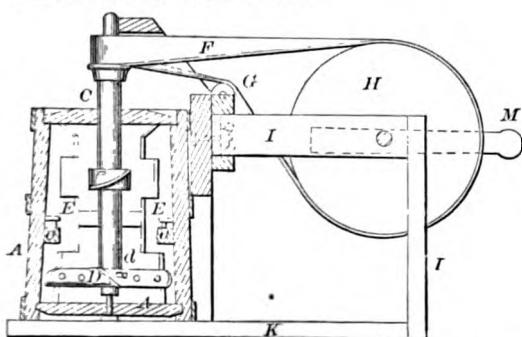
89123—J. G. Bryan—*Hydrant.*



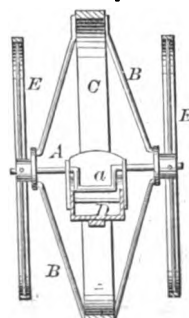
89124—R. & R. T. Burchell—*Mitre Box.*



89125—J. Carl—*Churn Dasher.*

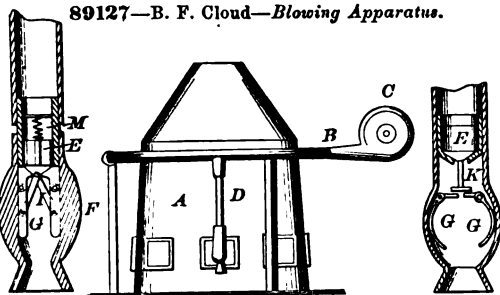


89128—H. S. Cohn—*Velocipede.*

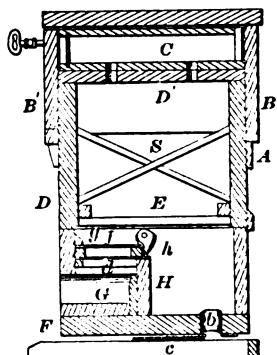




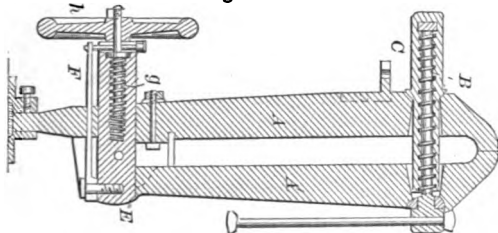
**89127—B. F. Cloud—*Blowing Apparatus.***



**89129—J. H. Crandell—*Beehive*.**



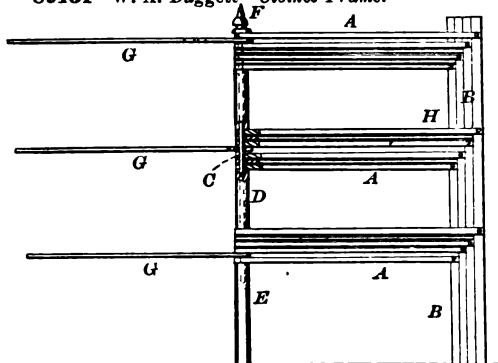
**89130—D. S. Cumings—Vice.**



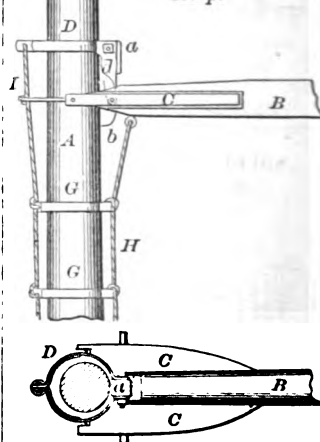
**89133**—Dorn & Shibley—  
*Egg Carrier*



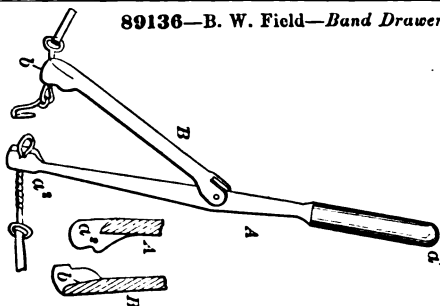
**89131**—W. A. Daggett.—*Clothes Frame.*



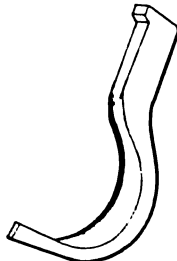
89135—F. B. Dunton—*Mast*  
*Hoop.*



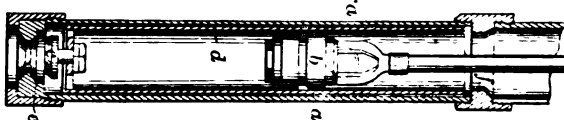
**89136—B. W. Field—*Band Drawer.***



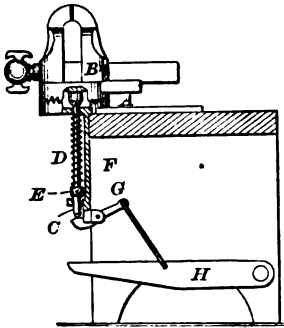
**89137—E. L. Freeman—**  
*Cultivator Tooth.*



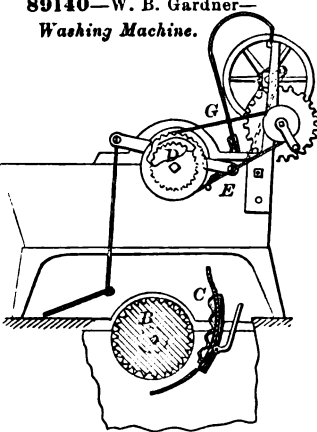
**89134—C. H. Duncan—*Tubular Pump.***



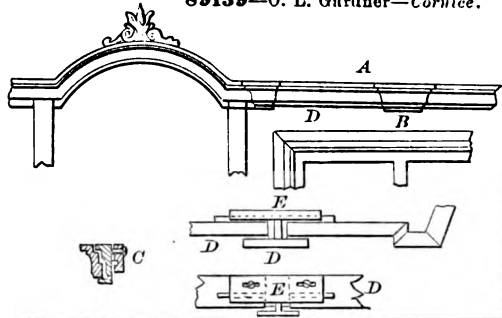
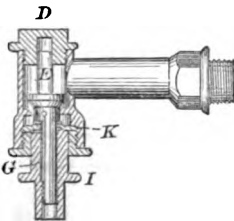
89138—F. H. Furniss—Vise.



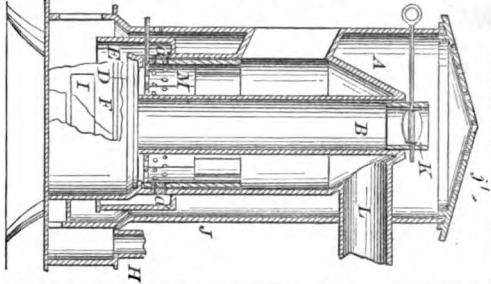
89140—W. B. Gardner—Washing Machine.



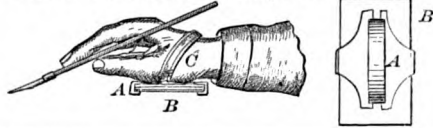
89143—J. Gregg—Water Cock.



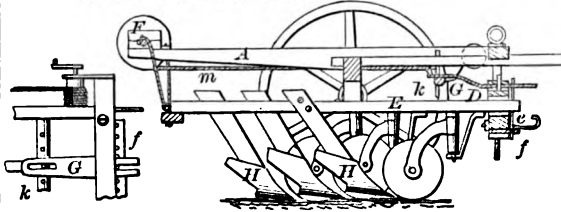
89141—J. H. Goodfellow—Stove.



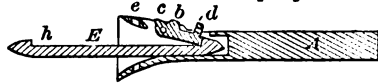
89142—P. Gorsline—Blotting Pad.



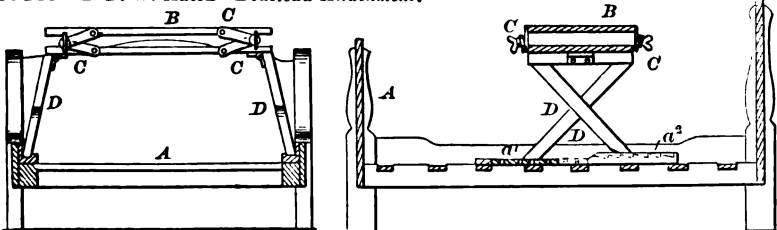
89144—T. J. Hall—Plow.



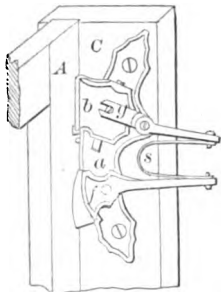
89145—G. Harris—Car Coupling.



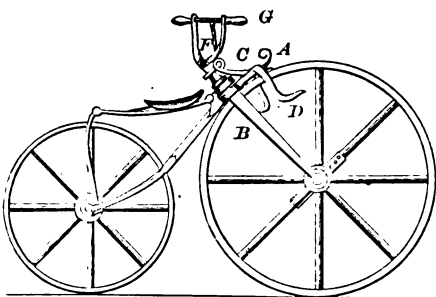
89146—E. D. W. Hatch—Bedstead Attachment.



89147—E. W. Haven—  
Sash Holder.

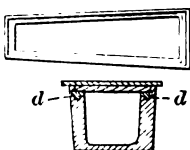


89149—J. Irving—*Velocipede.*

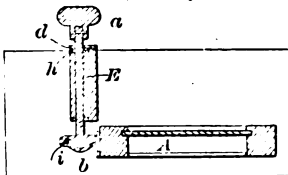


89151—J. Keane—*Valve.*

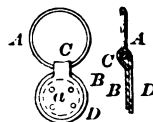
89148—C. S. Hurlbut—  
Burial Casket.



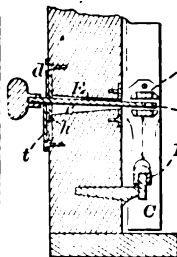
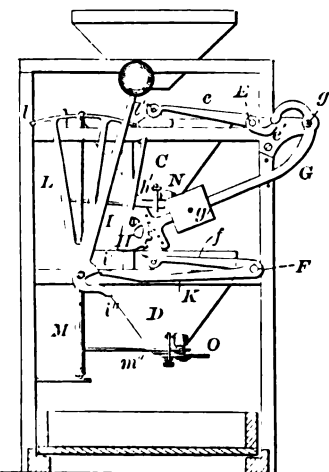
89150—S. E. Jowett—*Shutter  
Worker.*



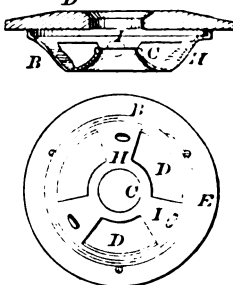
89152—J. L. Kendall—  
Garment Supporter.



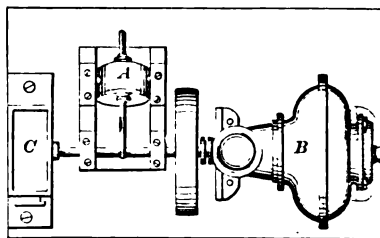
89153—Lettelier & White—  
Weighing Machine.



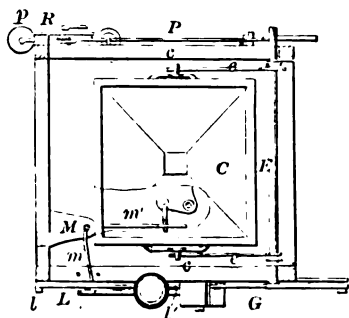
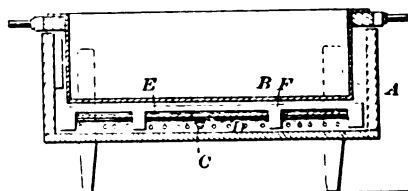
89155—P. F. Lewis—  
Churn.



89156—W. A. Lighthall—*Steam Engine.*

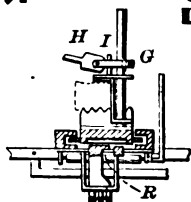
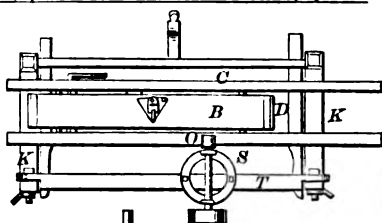
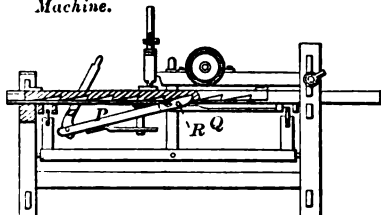


89157—R. M. Livingston—*Cheese Vat.*

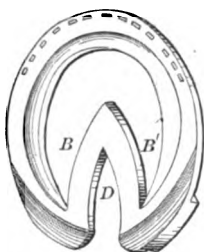




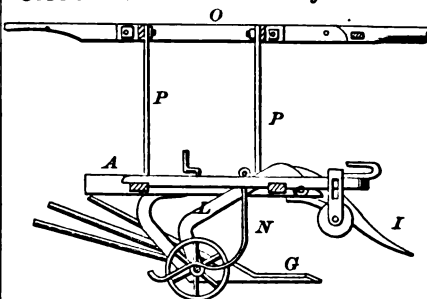
**89163—B. F. Mohr—Wood Boring Machine.**



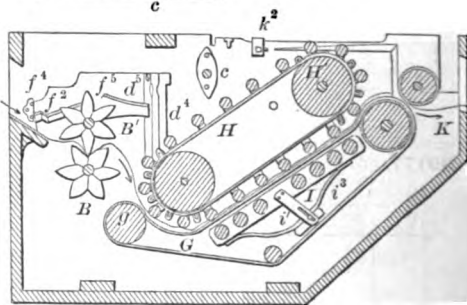
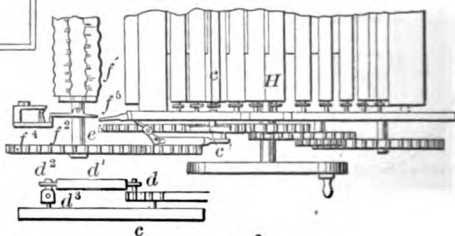
**89165—R. H. Parks—Horse Shoe.**



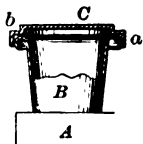
**89164—S. R. Niles—For Pulling Beans.**



**89166—J. Pinter—Washing and Wringing Machine.**



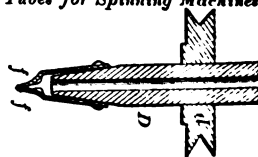
**89167—C. Pratt—Can Nozzle.**



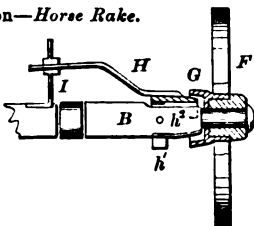
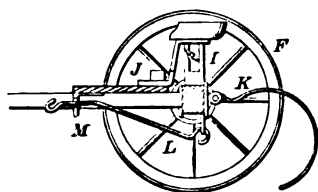
**89168—A. C. Rand—Whip.**



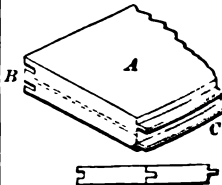
**89170—C. Roberts—For Twisting Tubes for Spinning Machines.**



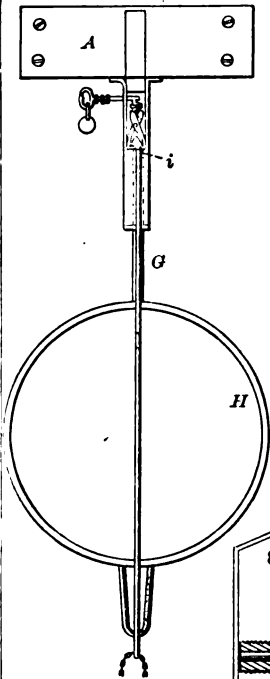
**89169—G. M. & C. C. Richardson—Horse Rake.**



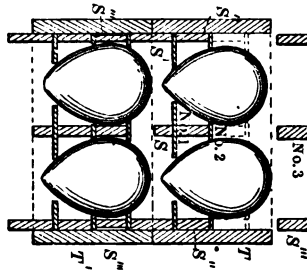
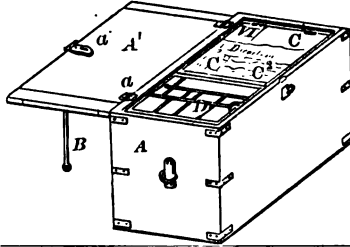
**89172—E. B. Rowe—For Lumber.**



**89171—F. W. Roth—  
Hat Rack.**



**89173—E. Sander—Medicine Chest.**

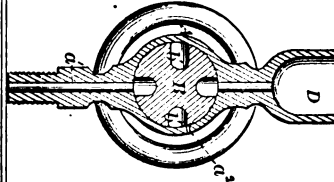


**89174—A. Selkirk—  
Egg Carrier.**

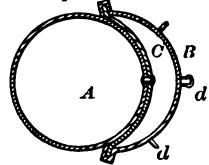


**89176—C. F. Shourds—Feather Duster.**

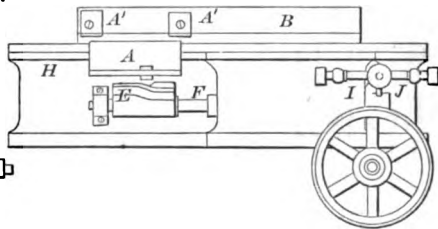
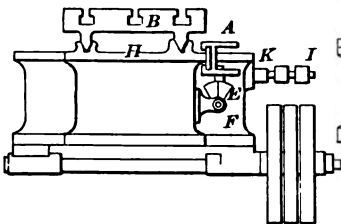
**89175—A. Shafer—Lubricator.**



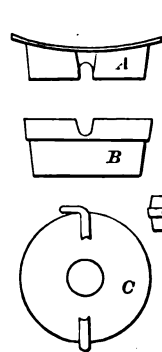
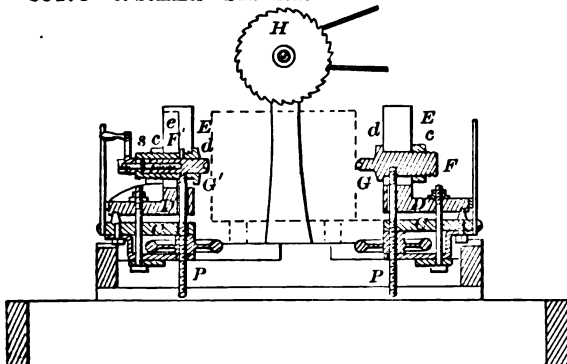
**89181—Stoddard & Hoyt—  
Stove Pipe Attachment**



**89177—D. Slate—For Metal Planers.**

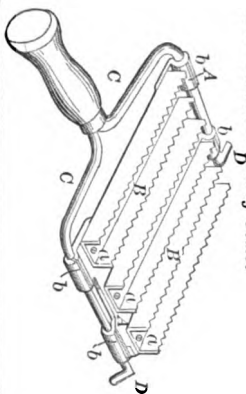
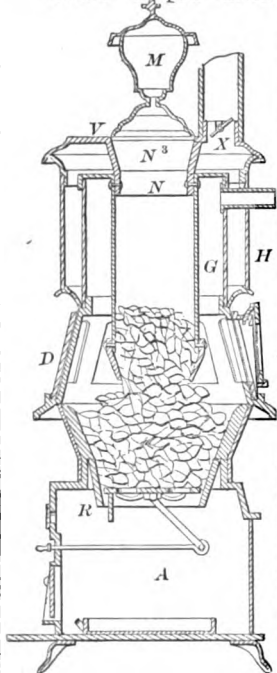


**89178—C. Sommer—Saw Mill.**

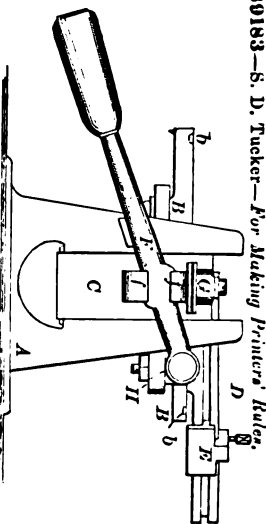


**89179—J. Spear—Stove Collar and  
Damper.**

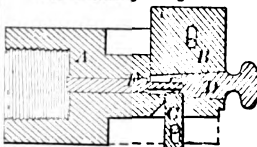
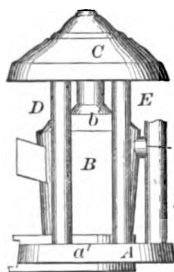
89180—J. Spear—Stove.



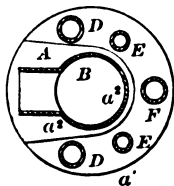
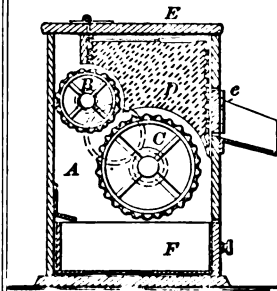
89182—M. Sweet—Curry Comb.



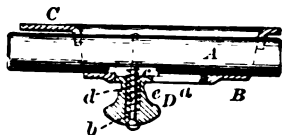
89183—S. D. Tucker—For Making Printers' Rules.

89184—W. Tweedle—  
For Making Plugs.89188—J. F. Wachsmuth—For  
Transferring Oil Paintings.

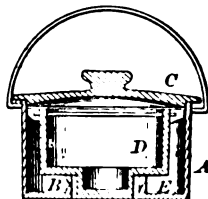
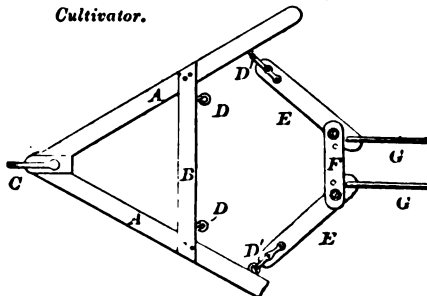
89185—J. S. Van Buren—Stove.

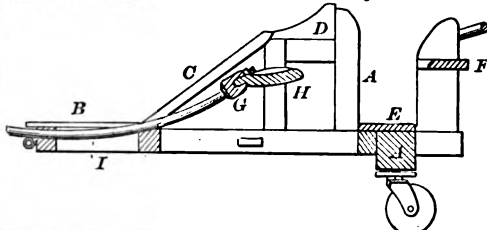
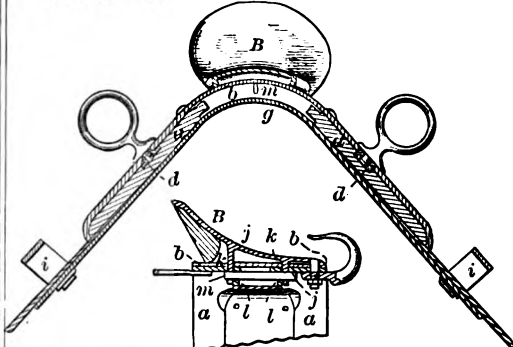
89190—W. Zeiger—Potato  
Peeler.

89191—Arnold &amp; Steele—Door Bolt.

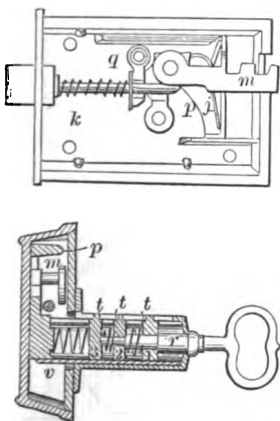


89189—F. Wilcox—Boiler.

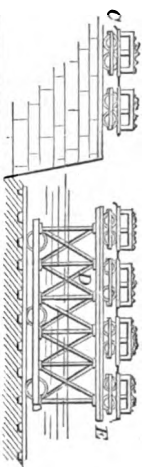
89192—A. M. Bakewell—Harrow and  
Cultivator.

89194—J. W. Bates—*Harvester Binding Attachment.*89196—V. Borst—*Harness Saddle*

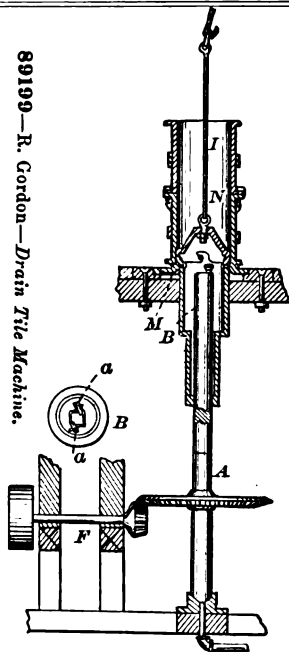
**89197—E. W. Brettell—*Latch*.**



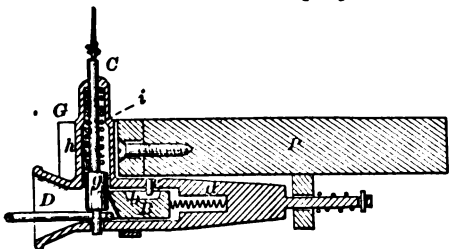
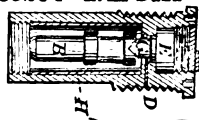
89201—0. Cogsl—Kerry Railway.



**89199—R. Gordon—*Drain Tile Machine.***

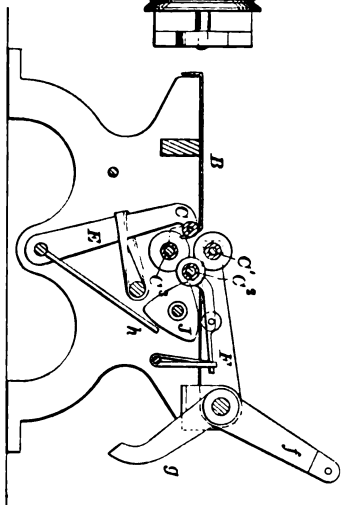
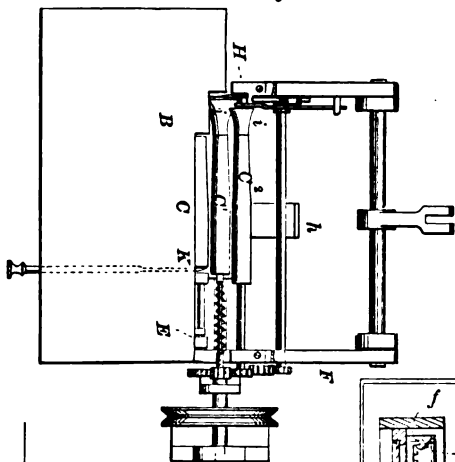


**89202—E S. Cram—Car Coupling.**

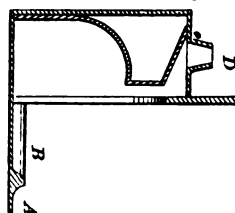
89204—E. A. Dana—*Fuse*.



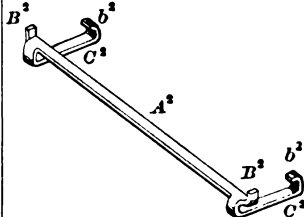
89200—G. B. Clarke—Cigar Machine.



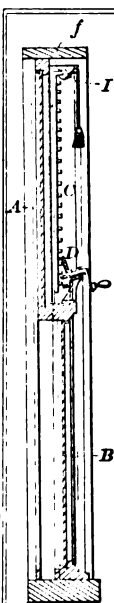
89203—A. D. Dailey—Fireplace.



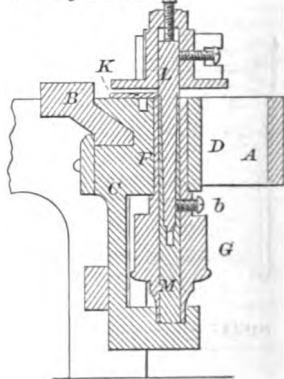
89206—J. Davis—Nut Fastener.



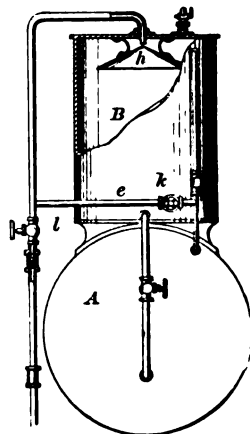
89205—J. A. Danforth—Sash Operator.



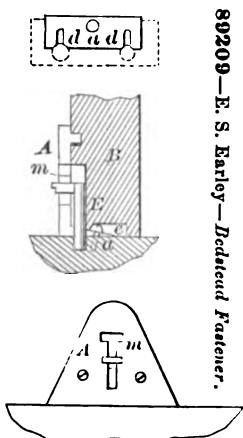
89207—G. Dryden—Wood Working Machine.



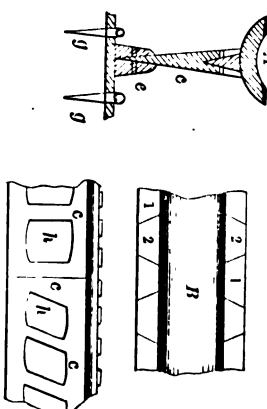
89208—W. F. Duerr—Feed Water.



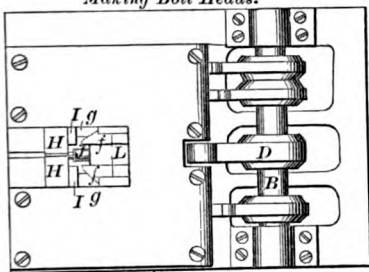
89209—E. S. Earley—Bedstead Fastener.



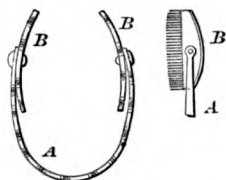
89210—Z. Eastman—For Railways.



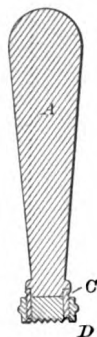
**89211**—C. H. & J. F. Emerson—*For Making Bolt Heads.*



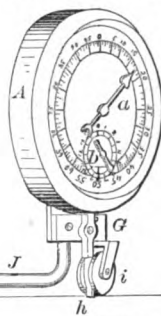
**89212**—O. B. Gallup—*Comb.*



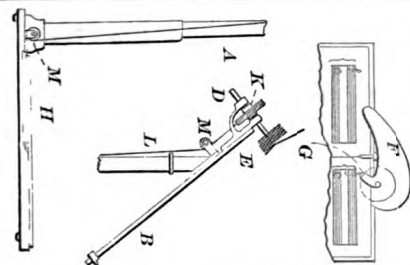
**89213**—J. C. Gaston—*Stamp Canceler.*



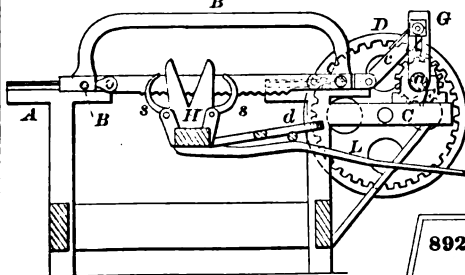
**89215**—J. J. Groshans—*Counting Register.*



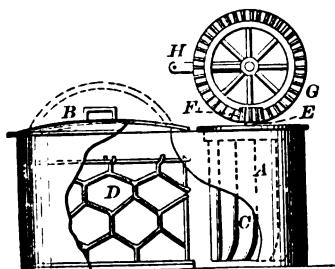
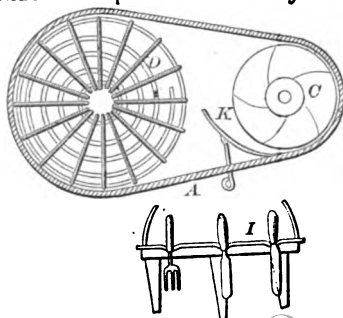
**89214**—J. Grant—*For Turning Book Leaves.*



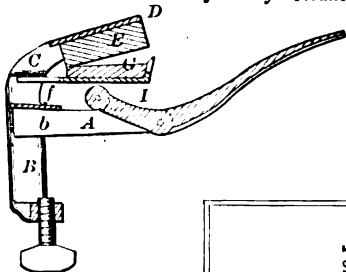
**89217**—E. R. Hall—*Wood Sawing Machine.*



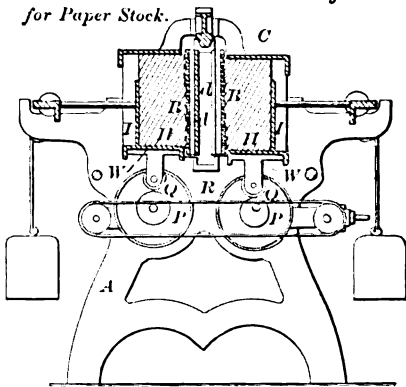
**89216**—D. Guptail—*Dish Washing Machine.*



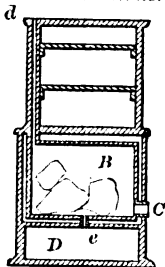
89218—C. H. Hardy—Knife Cleaner.



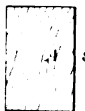
89221—J. H. Hawes—For Reducing Wood for Paper Stock.



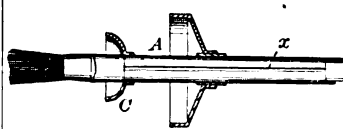
89219—S. Harnden—Cabinet Ventilator.



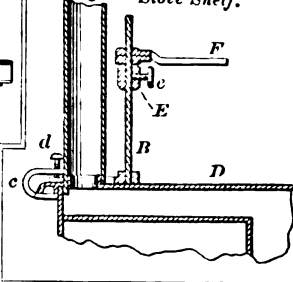
89220—J. H. Hawes—For Paper Stock.



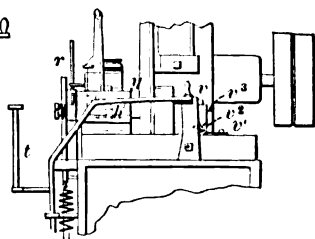
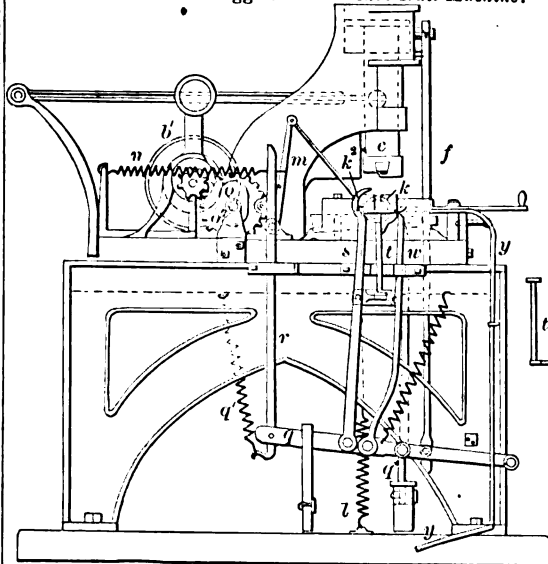
89222—T. N. Hickcox—Brush Handle.



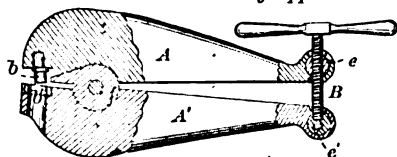
89223—F. W. Hudson—Store Shelf.



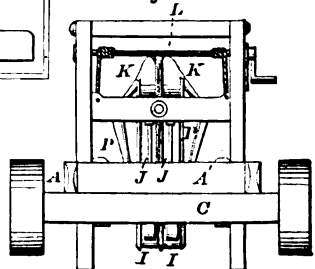
89224—J. &amp; J. A. Huggett—Horse Shoe Nail Machine.



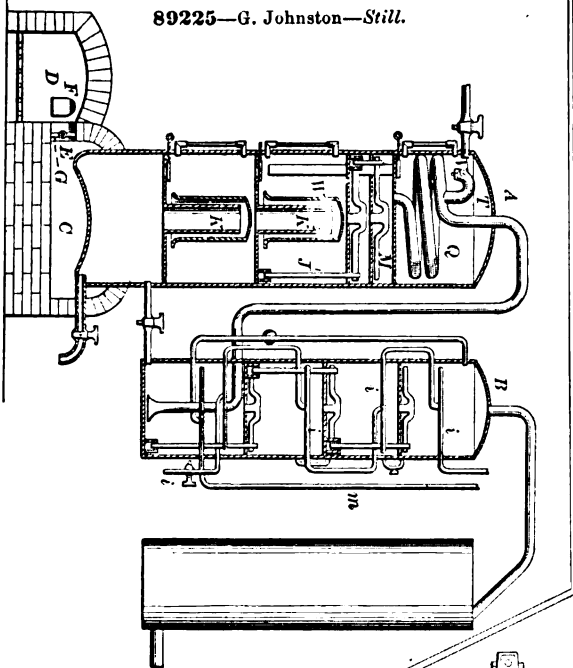
89226—R. Kent—Punching Apparatus.



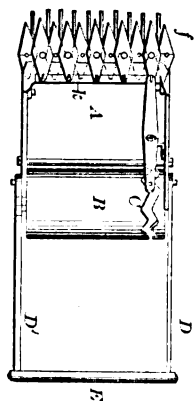
89227—P. Lugenbell—Ditching Machine.



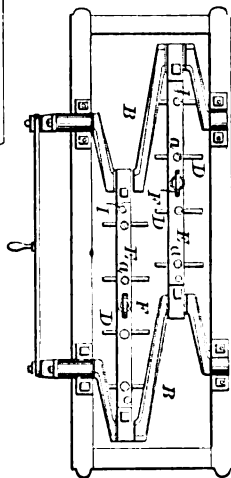
89225—G. Johnston—Still.



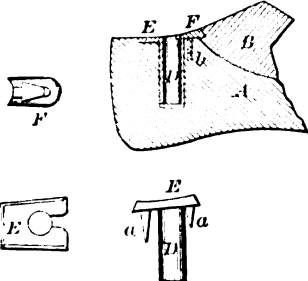
89230—B. Merritt, Jr.—Lawn Mower.



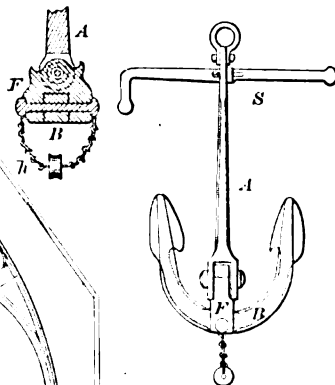
89231—D. S. Merritt—Propelling Apparatus.



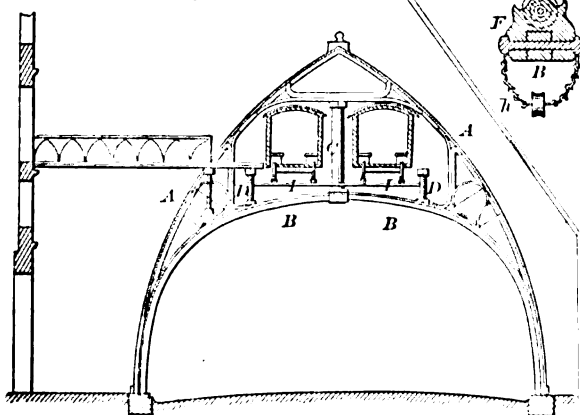
89229—S. Mawhinney—Lent.



89232—J. W. Morgan—Anchor.



89233—R. P. Morgan, Jr.—Railway.



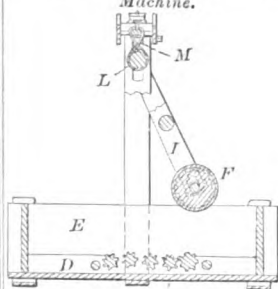
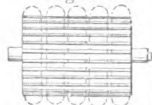
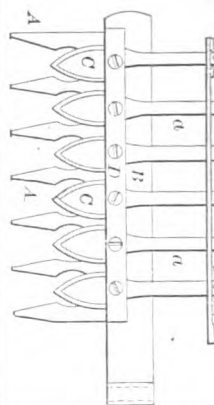
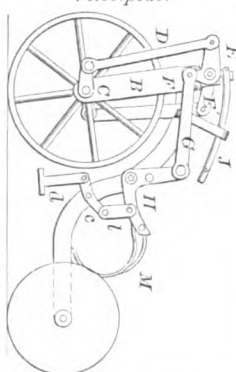
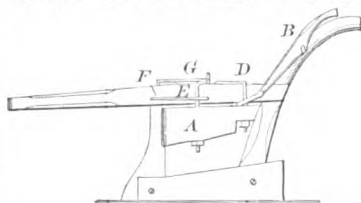
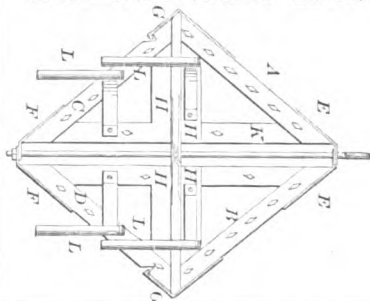
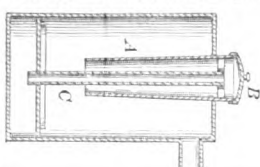
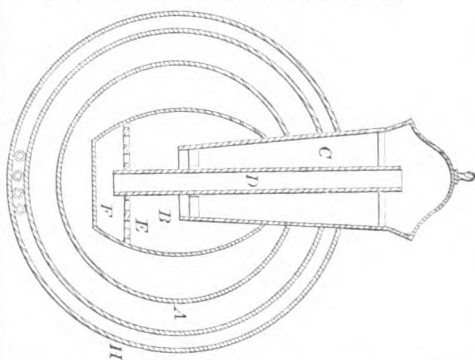
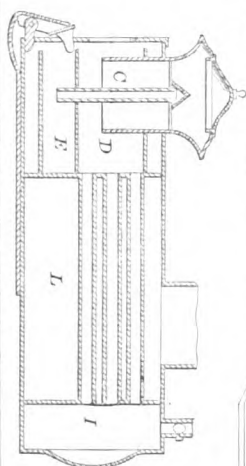
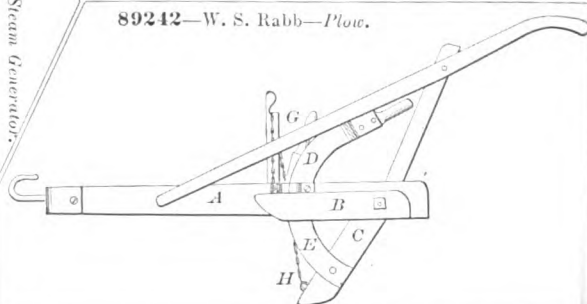
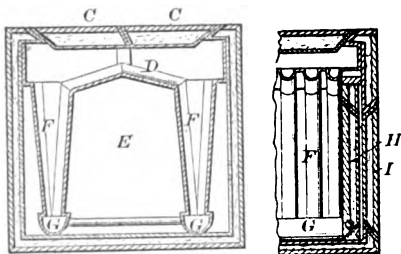
89234—S. Oedamer—*Washing Machine.*

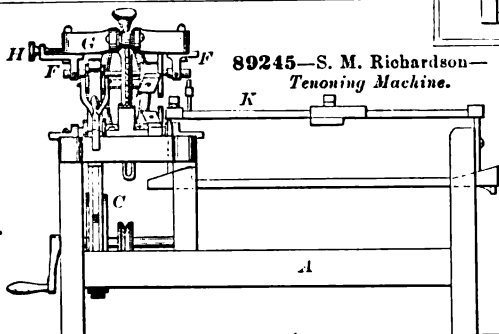
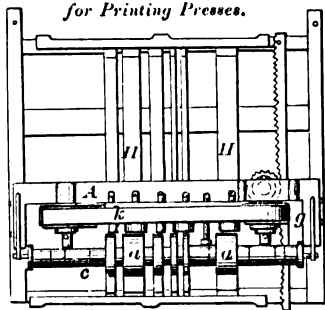
Fig. 3

89235—A. O'Neill—*Velocipede.*89236—J. H. Owen—*Harrower Cutter.*89237—J. A. B. Patterson—*Plow Cleaner.*89238—J. A. B. Patterson—*Harrow.*89239—T. T. Prosser—*Furnace.*89240—T. T. Prosser—*Steam Generator.*89241—T. T. Prosser—*Steam Generator.*89242—W. S. Rabb—*Plow.*

89243—J. H. Racey—Refrigerator.

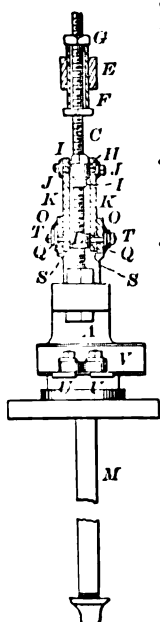
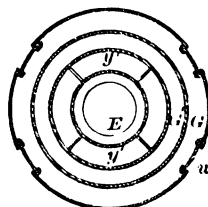


89244—I. L. G. Rice—Inking Apparatus for Printing Presses.

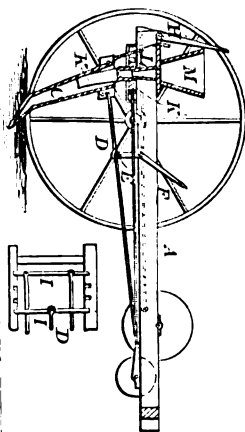


89245—S. M. Richardson—Tenoning Machine.

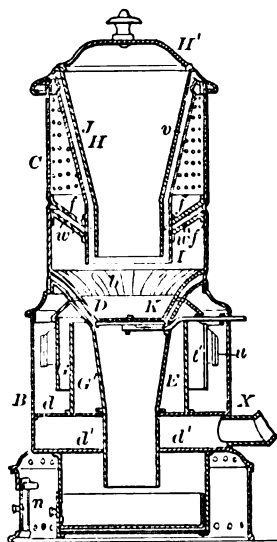
89248—J. Q. C. Searle—Stove.



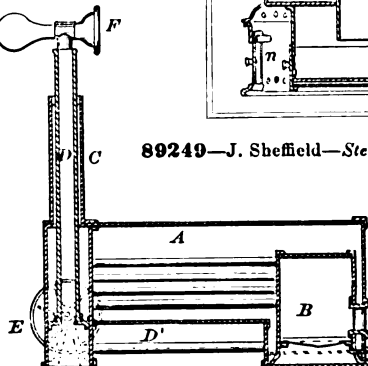
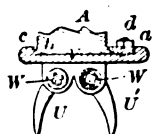
89246—J. M. Riley—Press for Pens, Buttons, Jewelry, etc.



89247—P. J. Schmitt—Grain Drill.

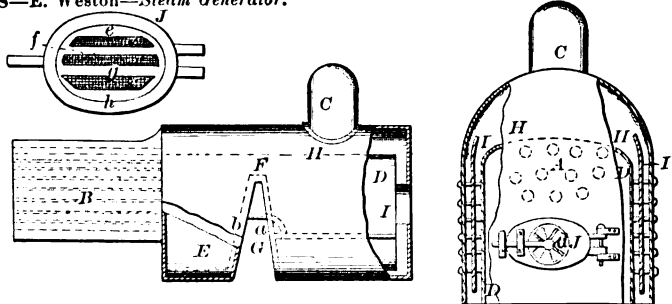


89249—J. Sheffield—Steam Generator.

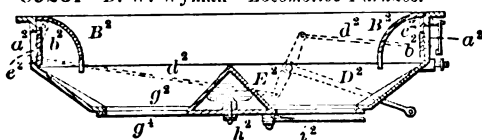




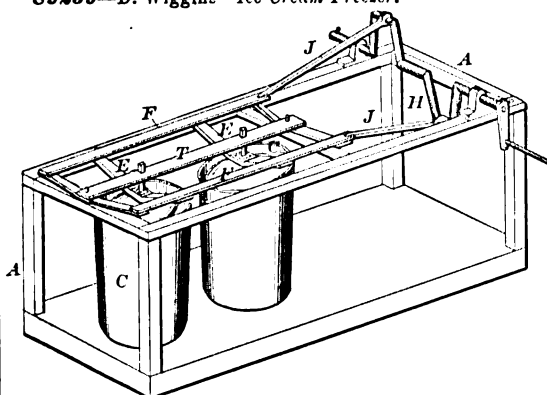
89258—E. Weston—*Steam Generator.*



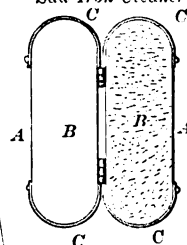
89261—D. W. Wyman—*Locomotive Furnace.*



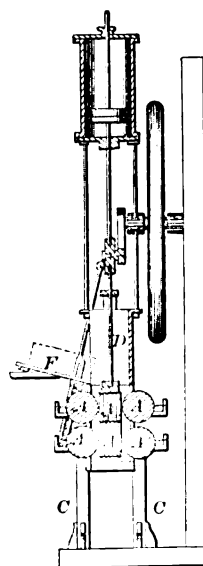
89259—D. Wiggins—*Ice Cream Freezer.*



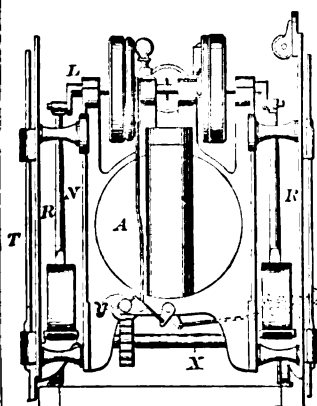
89262—A. R. Fuller—*Sad Iron Cleaner.*



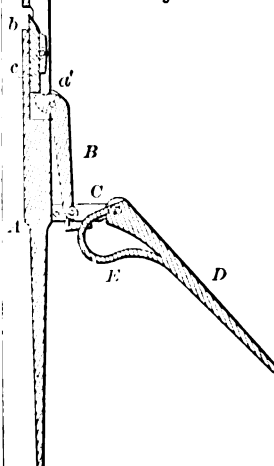
89263—J. Lyon—*For Cleaning Bricks.*



89264—E. G. Lamson—*Rock Channeling Machine.*

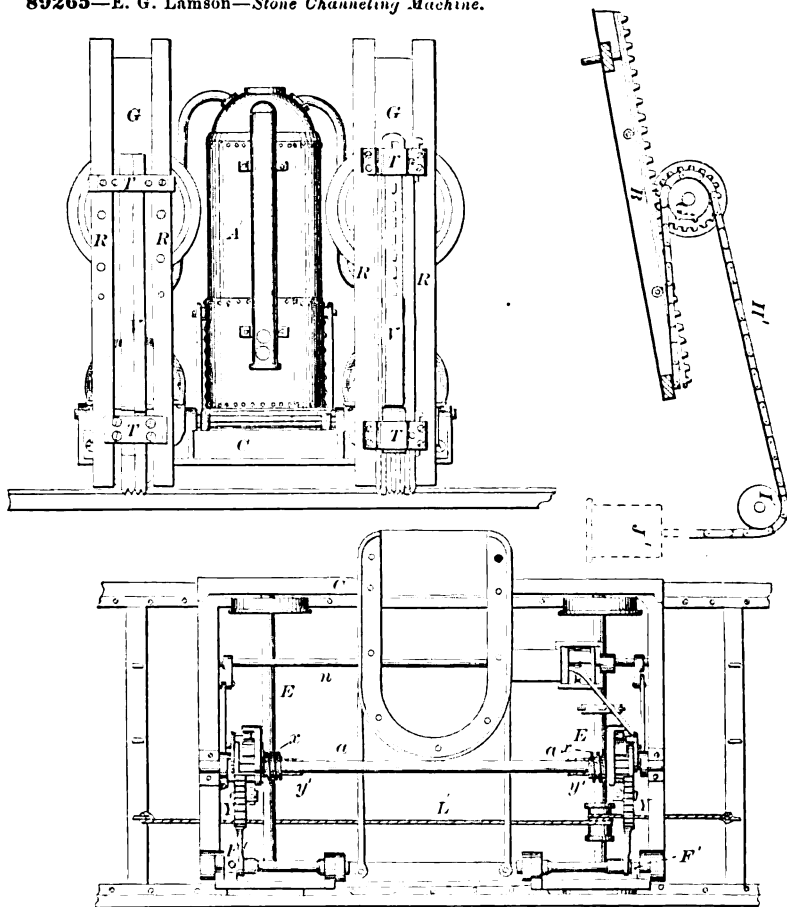


89267—Adair & Pool—*For Cutting Bolts.*

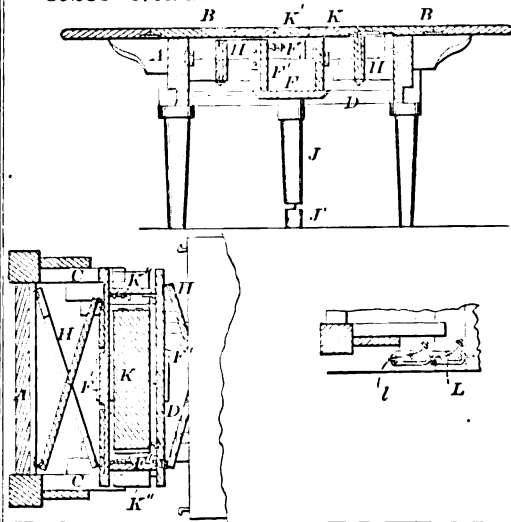




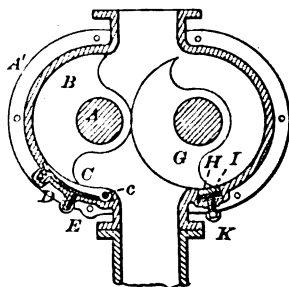
89265—E. G. Lamson—Stone Channeling Machine.



89266—J. M. Blaisdell—Table.

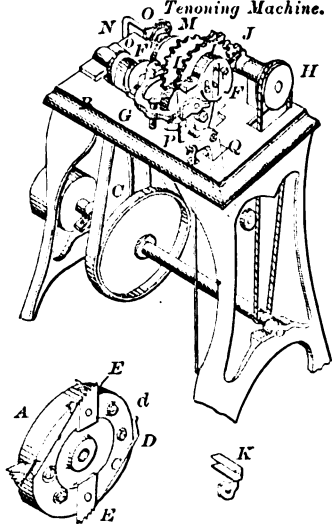


89268—M. L. Andrew—Pump.

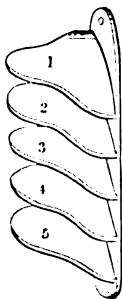




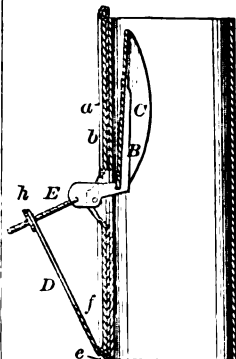
89277—H. Bickford—*Blind Slat Tenoning Machine.*



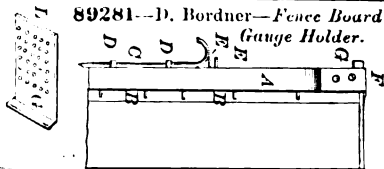
89278—J. E. Hodggett—*Store Cover Holder.*



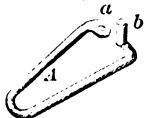
89280—R. Blum—*Store Governor.*



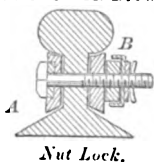
89281—D. Bordner—*Fence Board Gauge Holder.*



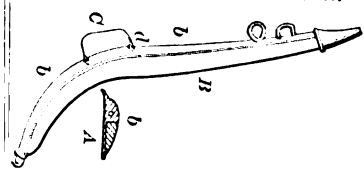
89282—J. F. Brewer—*Chain.*



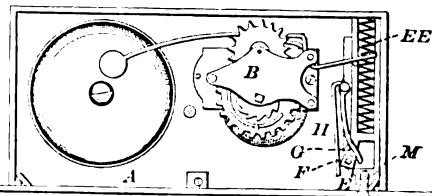
89283—K. Brown—



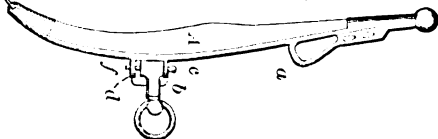
89287—W. H. Bustin—*Hames.*



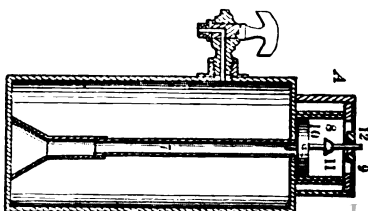
89286—I. N. Buck—*Burglar Alarm.*



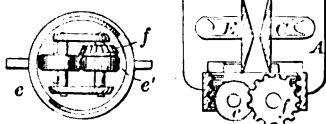
89288—W. H. Bustin—*Hames.*



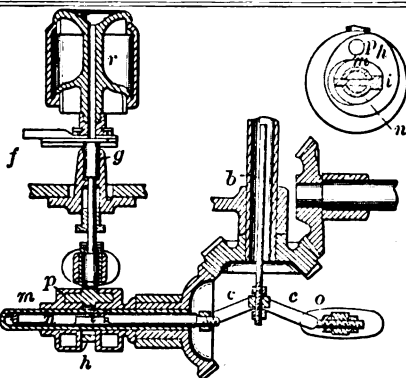
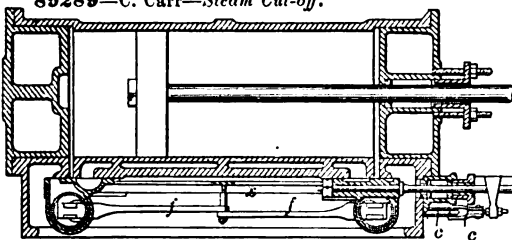
89291—J. C. Cochrane—*Steam Generator.*



89290—C. Chabot—*Spinning Machine.*

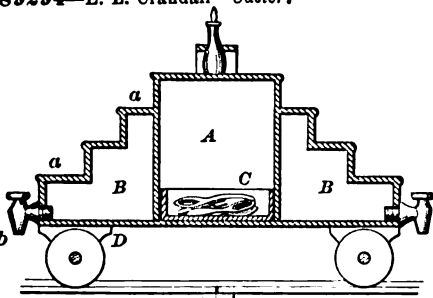


89289—C. Carr—Steam Cut-off.

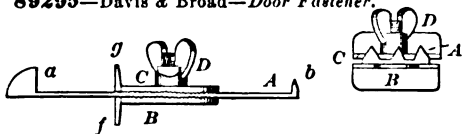


89299—W. A. Fenn—Oil Can.

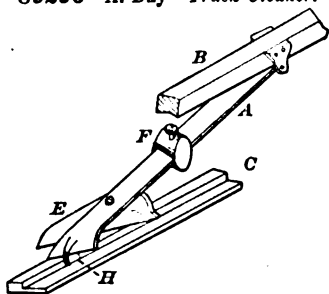
89294—E. L. Crandall—Caster.



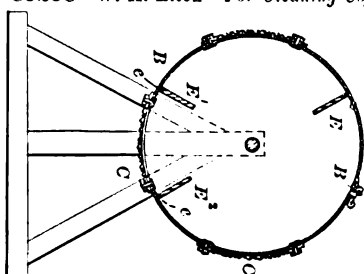
89295—Davis & Broad—Door Fastener.



89296—A. Day—Track Cleaner.



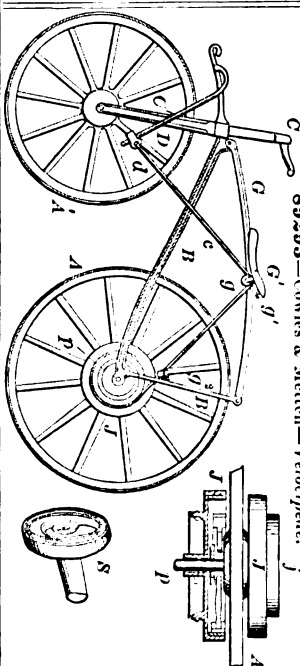
89298—W. H. Elton—For Cleaning Coffee.



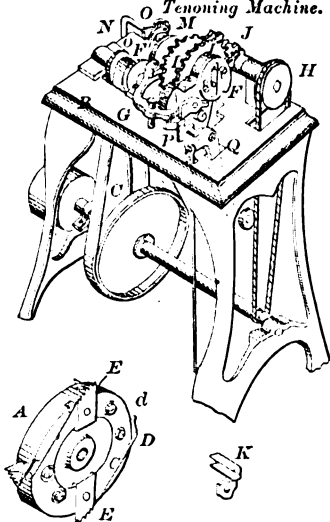
89292—J. Collins—Spring Balance Hammer.



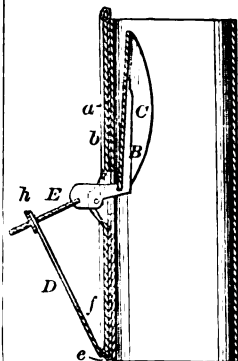
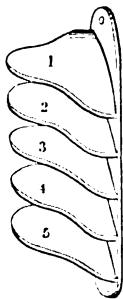
89293—Combs & Metten—Velocipede.



89277—H. Bickford—*Blind Slat Tenoning Machine.*

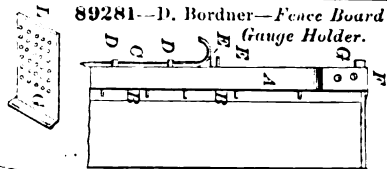


89278—J. E. Hodge—*Store Cover Holder.*

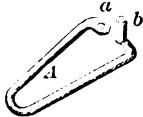


89280—R. Blum—*Store Governor.*

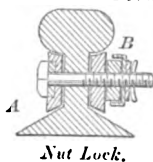
89281—D. Bordner—*Fence Board Gauge Holder.*



89282—J. F. Brewer—*Chain.*

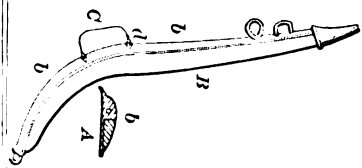


89283—K. Brown—

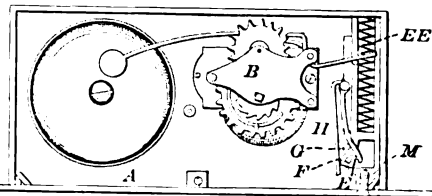


*Nut Lock.*

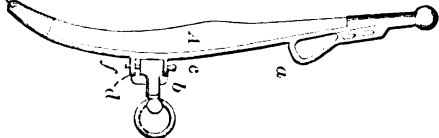
89287—W. H. Bustin—*Hames.*



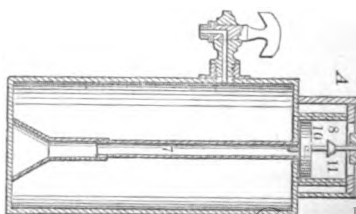
89286—I. N. Buck—*Burglar Alarm.*



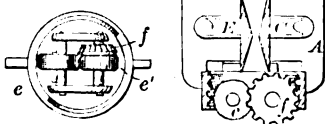
89288—W. H. Bustin—*Hames.*



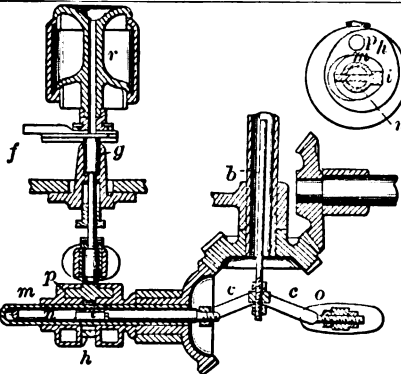
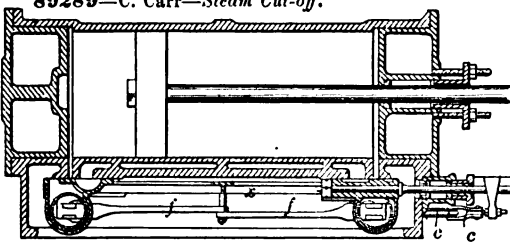
89291—J. C. Cochrane—*Steam Generator.*



89290—C. Chabot—*Spinning Machine.*

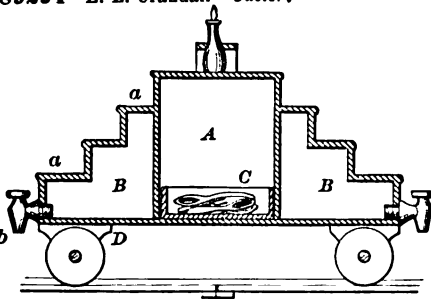


89289—C. Carr—Steam Cut-off.

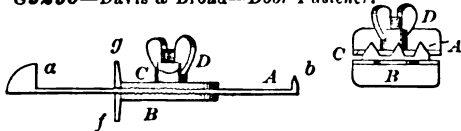


89299—W. A. Fenn—Oil Can.

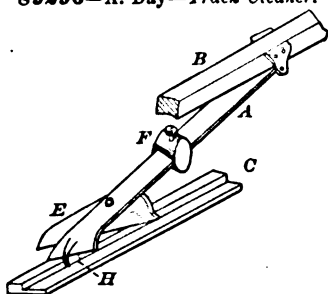
89294—E. L. Crandall—Caster.



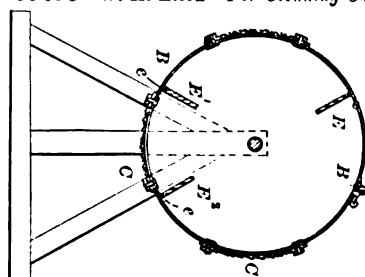
89295—Davis & Broad—Door Fastener.



89296—A. Day—Track Cleaner.



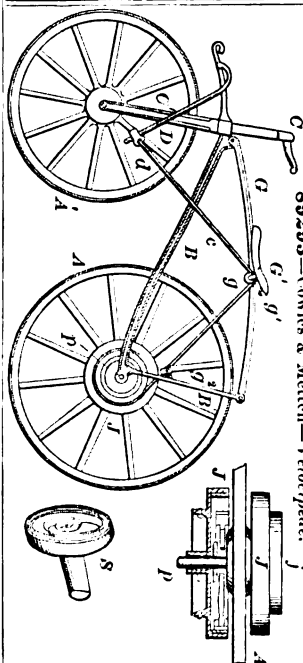
89298—W. H. Elton—For Cleaning Coffee.



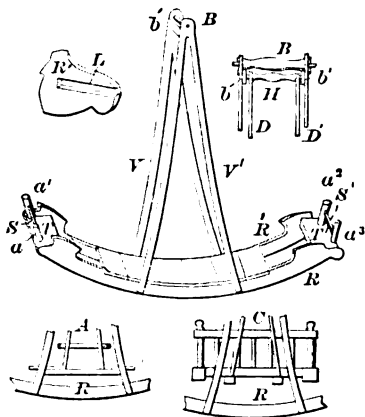
89292—J. Collins—Spring Balance Hammer.



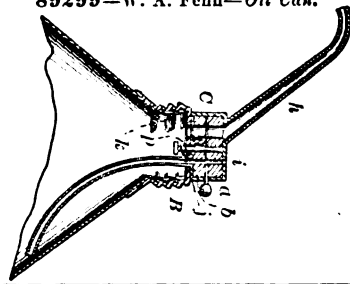
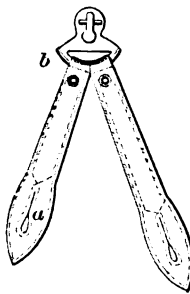
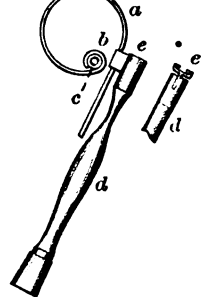
89293—Cowles & Melton—Velocipede.



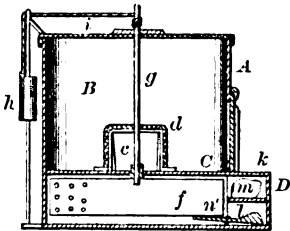
89297—C. M. Dillon—Swing.



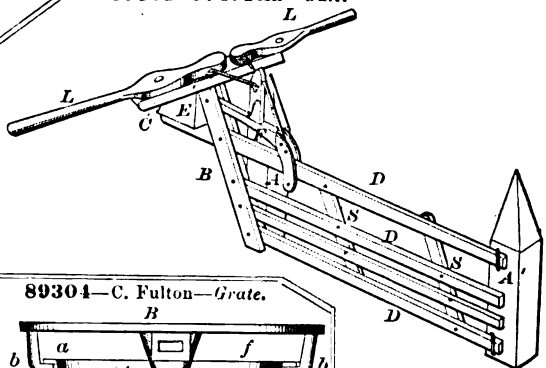
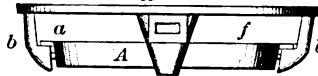
89299—W. A. Fenn—Oil Can.

89302—T. J. Flagg—  
Suspender End.89307—W. D. Gridley—  
Book Holder.

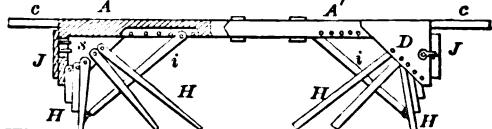
89300—W. A. Fenn—Trap.



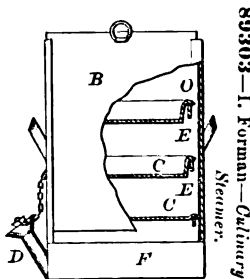
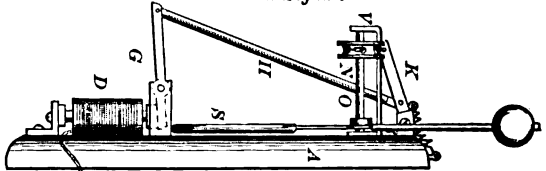
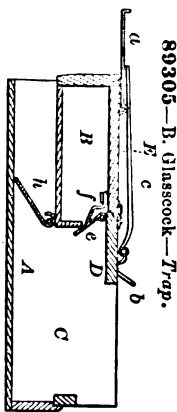
89301—B. F. Fisk—Gate.

89304—C. Fulton—Grate.  
B

89306—J. Goodher—Trestle.

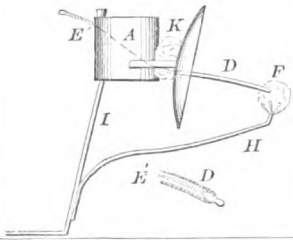


89308—T. Hall—Railroad Signal.

89303—L. Forman—Calvary  
Steamer.

89305—B. Glascock—Trap.

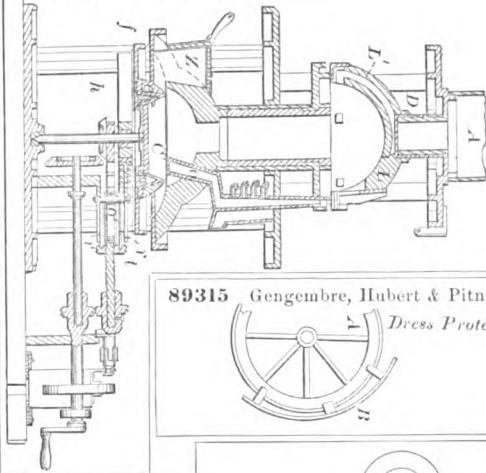
89309—G. Haneline—Torch.



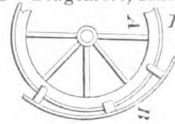
89316—G. H. Hurd—Dental Cup and Suction Mould.



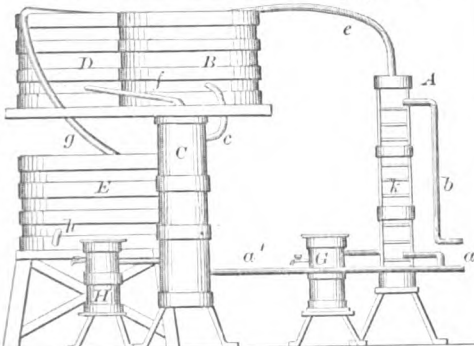
89310—J. Heatley—Furnace.



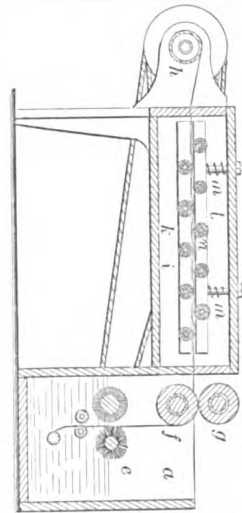
89315 Gengembre, Hubert & Pitney—  
Dress Protector.



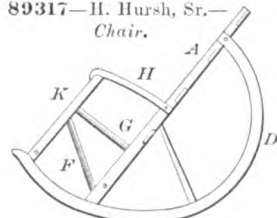
89318—C. B. Jarvis—For Distilling Spirits.



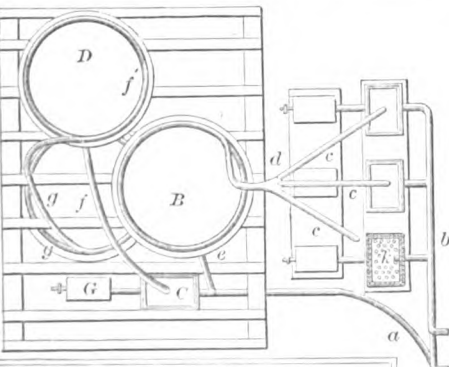
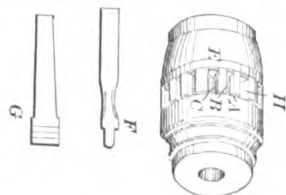
89313—C. E. L. Holmes—For Scouring and Drying  
Sheet Metal.



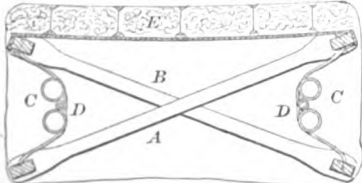
89317—H. Hursh, Sr.—  
Chair.



89322—J. Maris—Hub and Spoke.

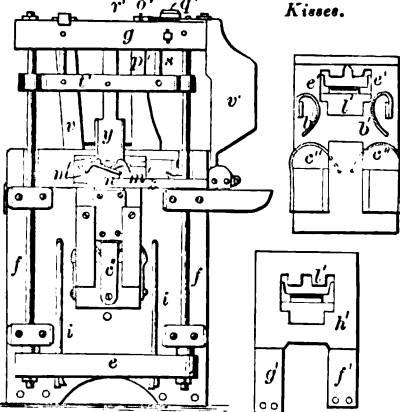


89321—H. E. Maker—Bed Bottom.

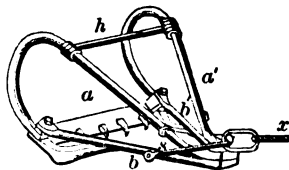




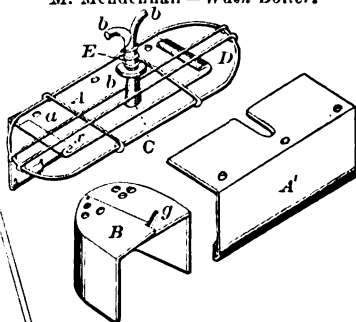
**89319**—Laramie & Scott—For Wrapping Sugar Kisses.



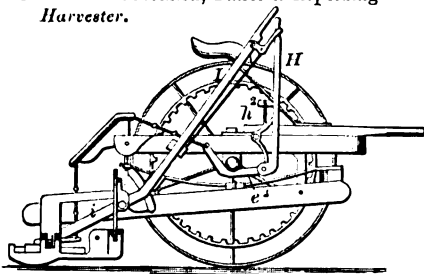
**89323**—T. F. Mayhew—Oyster Dredge.



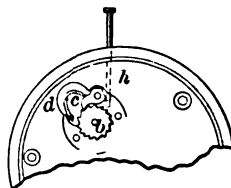
**89325**—McMullin & I. N. & M. Mendenhall—Wash Boiler.



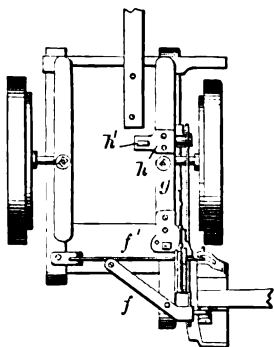
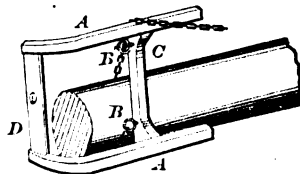
**89324**—McCormick, Baker & Erpelding—Harvester.



**89328**—C. S. Moseley—Watch.



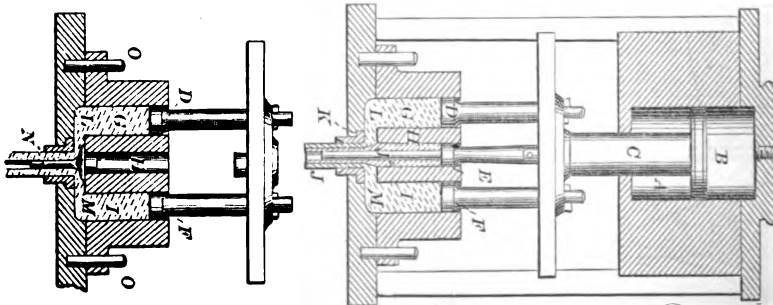
**89332**—A. Olmsted—Log Boat.



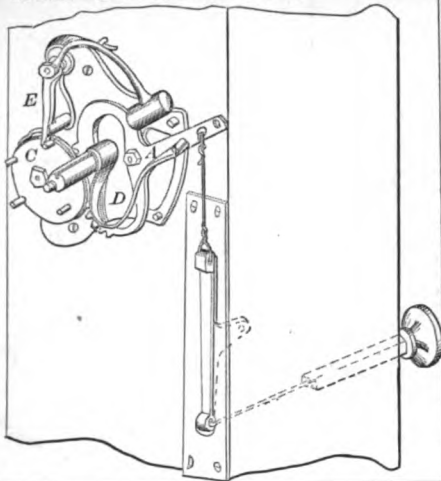
**89327**—H. Mitchell—Fruit Can.



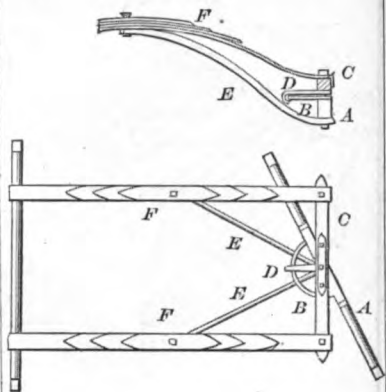
**89326**—H. Merrie—For Making Tin-Lined Lead Pipe.



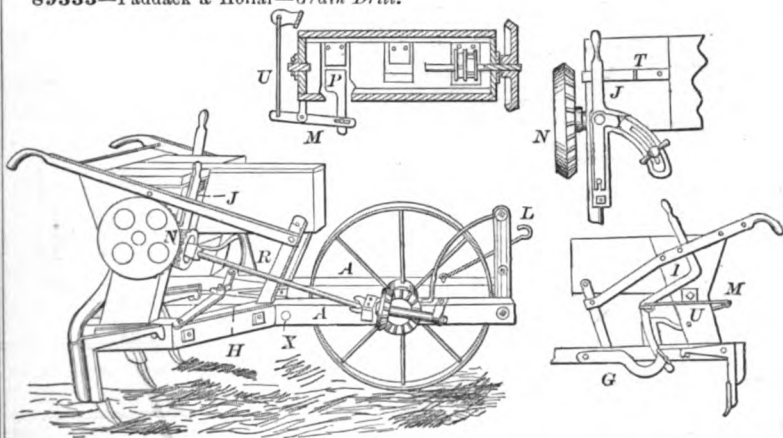
89331—O. A. North—*Door Bell.*



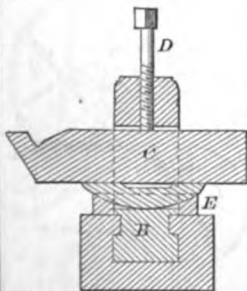
**89336**—L. G. Peel—*Buggy Coupling.*



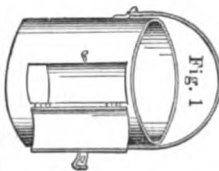
89333—Paddock & Hollar—*Grain Drill.*



**89335**—L. J. Parsons—  
*Tool Adjuster.*

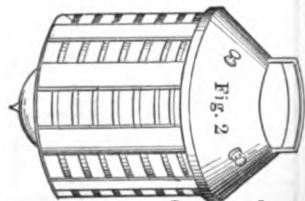
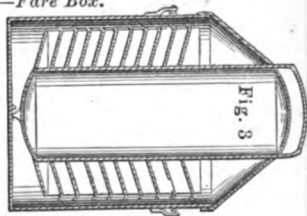


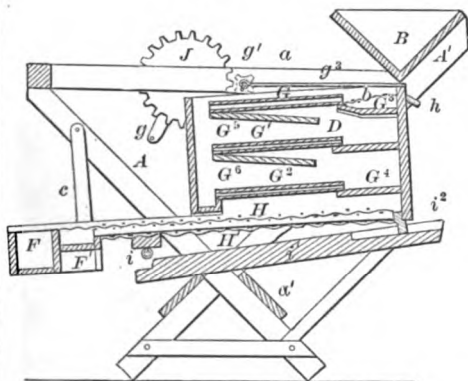
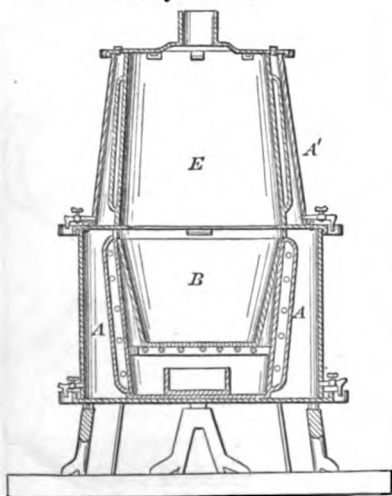
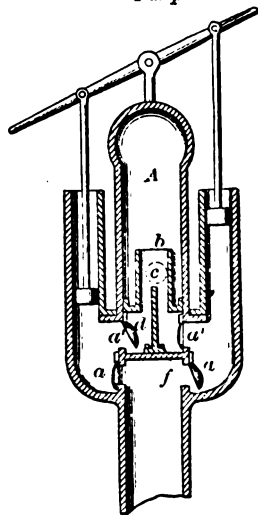
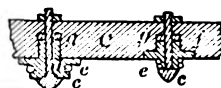
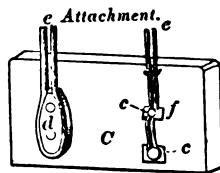
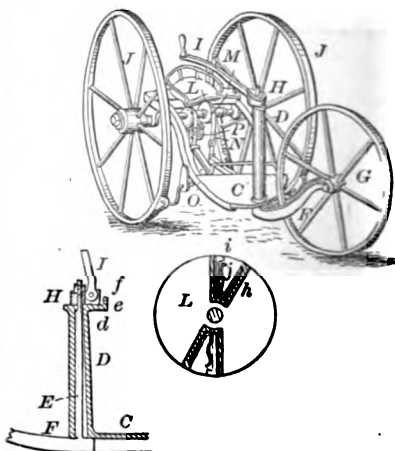
89337—J. J. Phares—*Fare Box.*



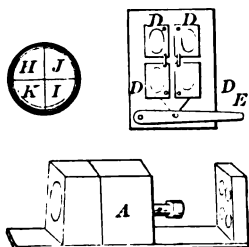
Cincinnati					
M	T	W	T	F	S
					May 1 '69
					Half Fare
					Full Fare
					Stations

Fig. 4

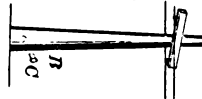


**89334—Parmater & Bowen—Grain Separator.****89340—A. J. Pyle—Stove.****89338—Pomroy & Walter—Pump.****89339—Porter, Leach & Hutchins—Chain Plate Attachment.****89341—J. Rankin—Velocipede.**

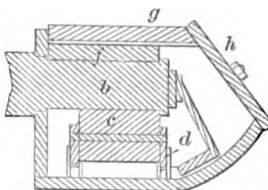
**89342**—D. W. S. Rawson—*Photographic Apparatus.*



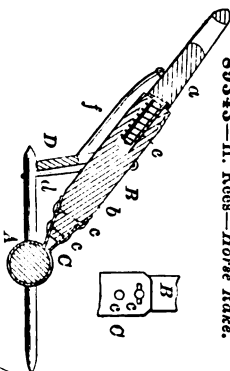
**89345**—L. S. Robbins—*Preserving Telegraph Poles.*



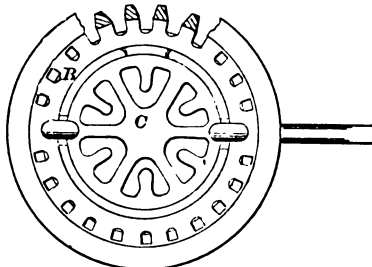
**89349**—H. B. Rowley—*Journal Box.*



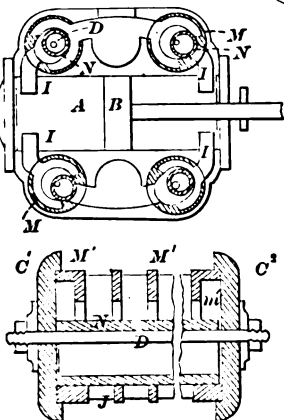
**89343**—H. Rees—*Horse Hake.*



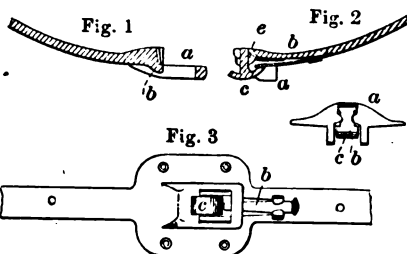
**89347**—F. H. Root—*Stove Grate.*



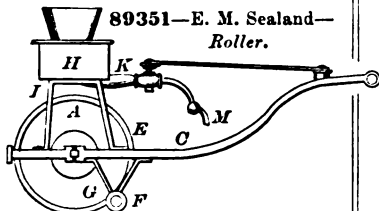
**89344**—A. K. Rider—*Pump Valve.*



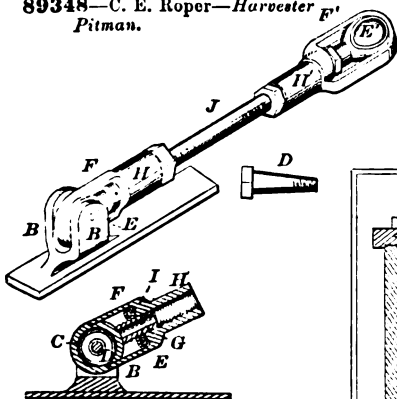
**89346**—W. A. Robinson—*Horse Collar Fastener.*



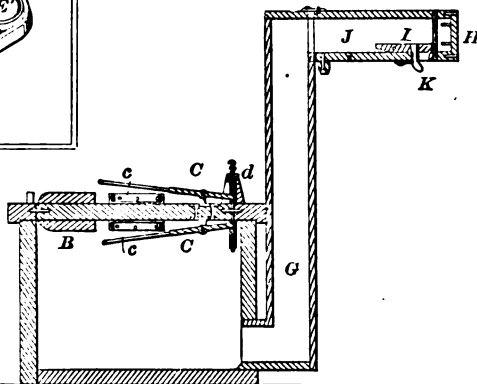
**89351**—E. M. Sealand—*Roller.*

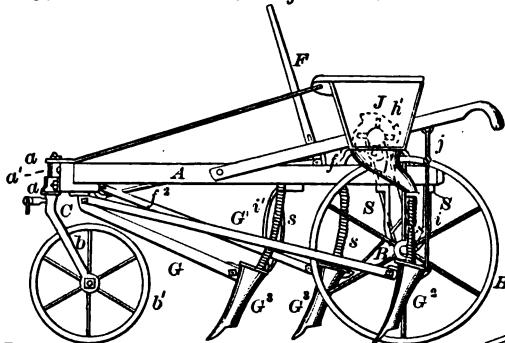
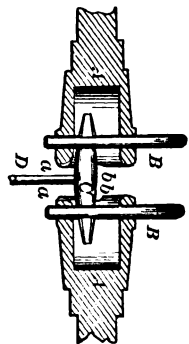
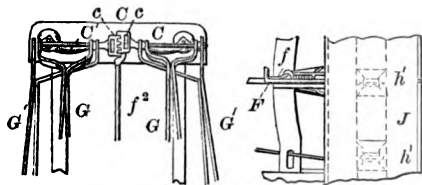
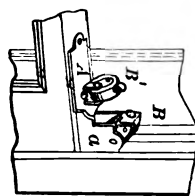
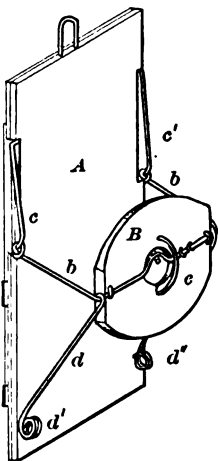
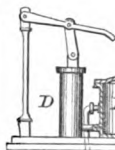
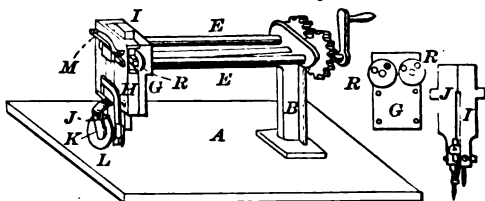
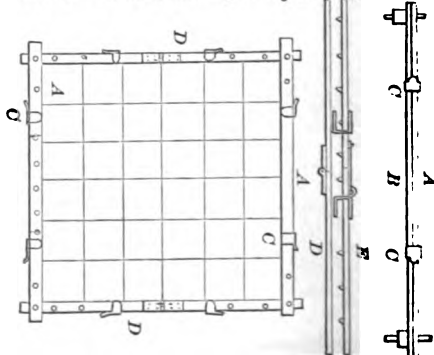


**89348**—C. E. Roper—*Harvester* Pitman.



**89352**—T. Silliman—*Trap.*



**89350—J. R. Rude—Seeding Machine.****89355—Sturges & Young—Car Coupling.****89353—T. R. Sinclaire—For Purifying and Rectifying Liquids.****89354—Spencer & Cutting—Pen Holder.****89356—G. A. Sturges—Soap Holder.****89358—Tirrell & Whitney—Paper File.****89357—H. L. Swartwout—Sewing Machine.****89359—R. C. Tomb—Quilting Frame.**

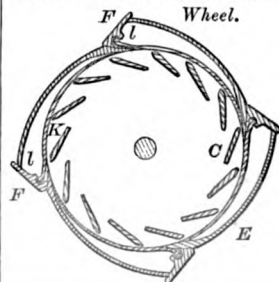


89360—J. & W. Tothill—  
Ornamenting Steel Metal  
Ware.

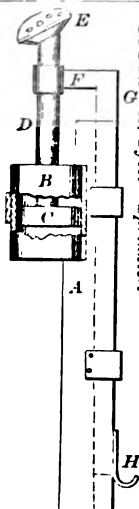
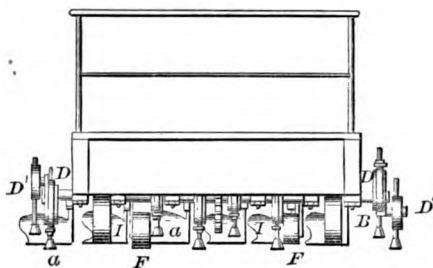
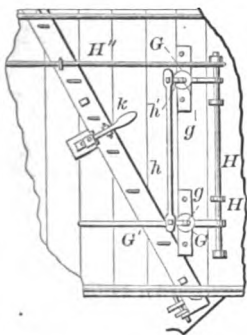
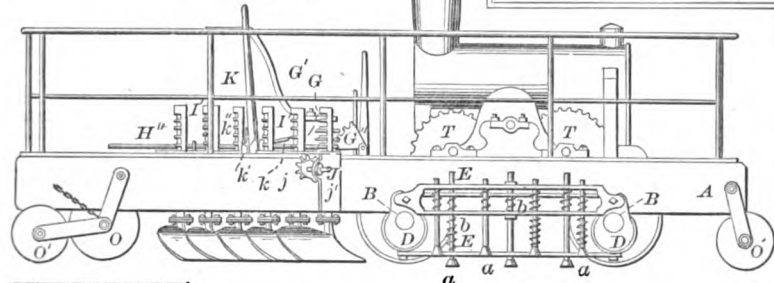


89367—C. H. Wolcott—  
Lamp Chimney.

89363—A. Warren—Water  
Wheel.

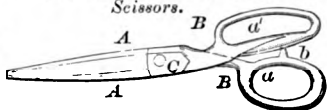


89361—Townley & Friedrich—Plow.

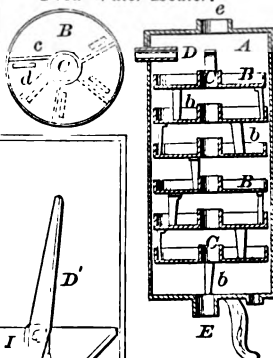


89362—H. Tyler—Sprinker.

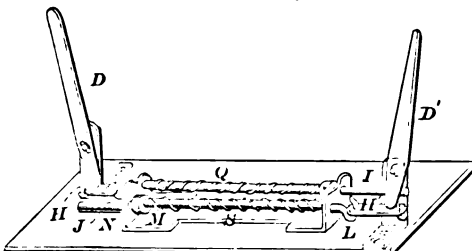
89364—H. Wendt—Shears and  
Scissors.



89366—D. Wineland—  
Feed Water Heater.

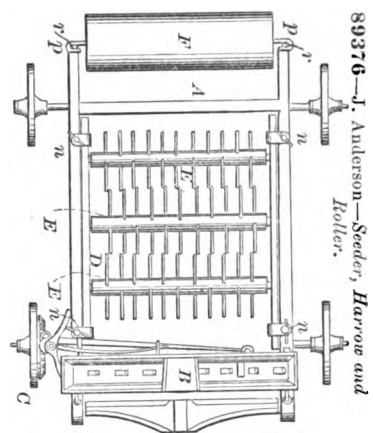
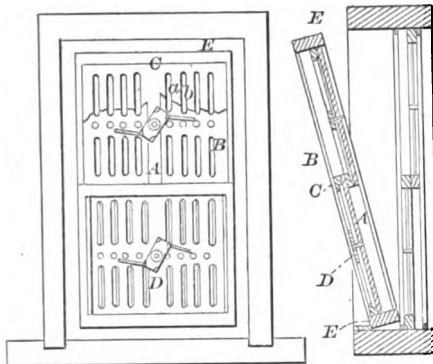


89365—J. F. Wicks—Loom.



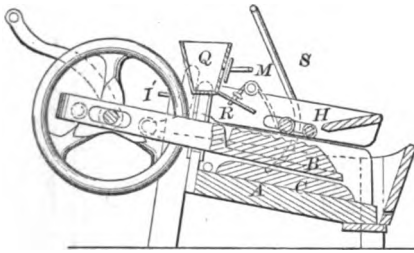


**89375—C. H. Anders—Sash Blind.**

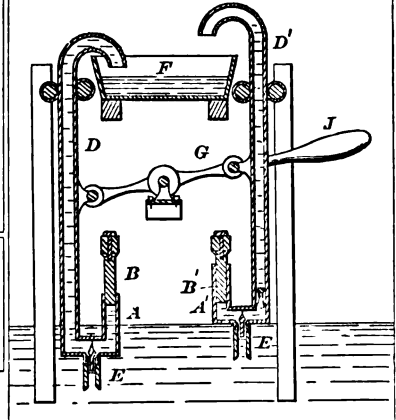


**89376—J. Anderson—Seedling Harrow and Roller.**

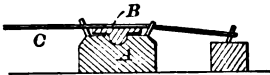
**89377—J. M. Austin—Washing Machine.**



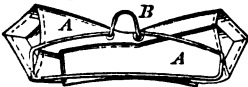
**89378—S. Belden—Pump.**



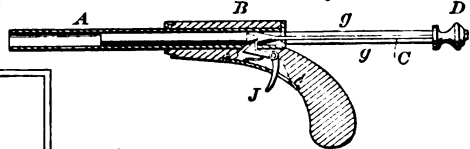
**89381—C. W. Brewer—Piano Bridge.**



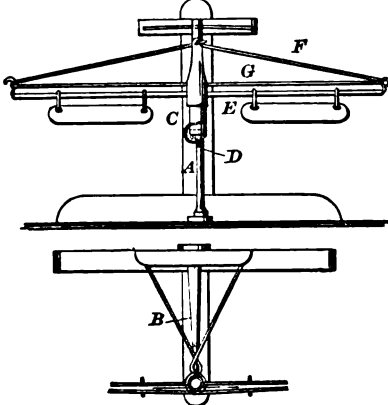
**89382—S. Bruhl—Neck Tie Supporter.**



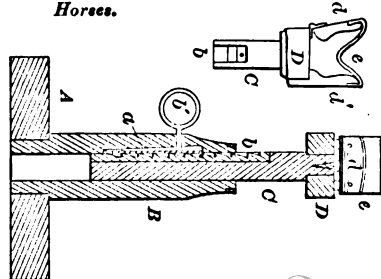
**89380—W. J. Blackman—Toy Gun.**



**89383—J. D. Chambers—For Displaying Dry Goods.**

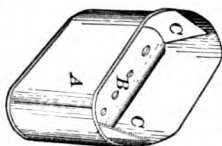
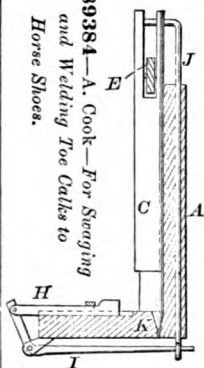


**89379—S. S. Blackburn—Rest for Shoeing Horses.**

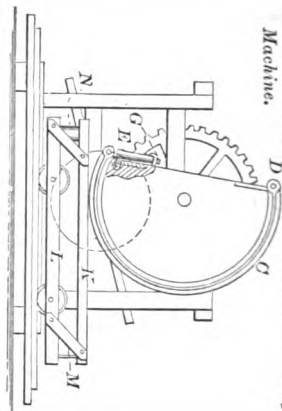
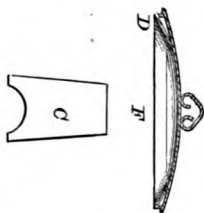




89384—A. Cook—For Seaming  
and Welding Toe Calks to  
Horse Shoes.

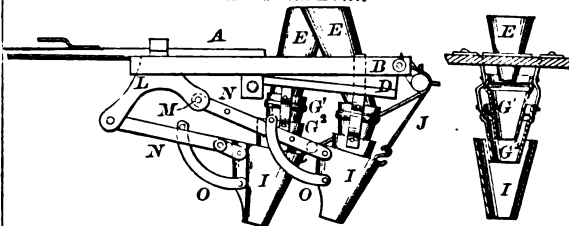


89385—A. Day—Wash Boiler

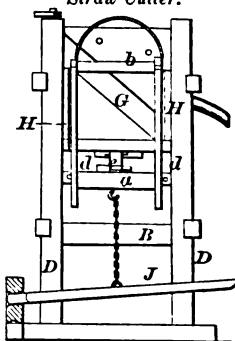


89387—De Lyon & Werner—Wood Bending  
Machine.

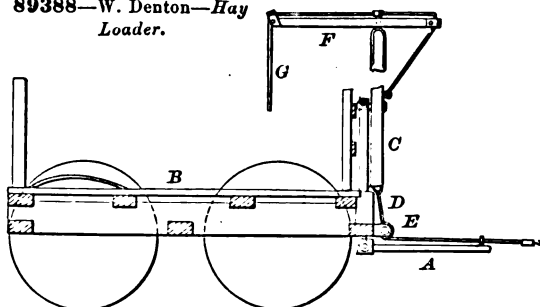
89386—Dean & Baker—Grain Drill.



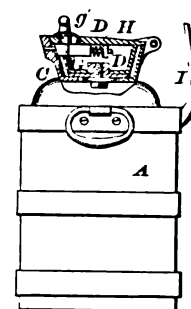
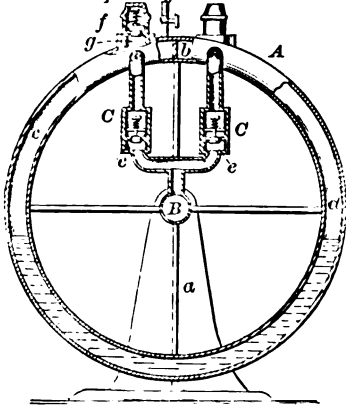
89389—E. Douty—  
Straw Cutter.



89388—W. Denton—Hay  
Loader.

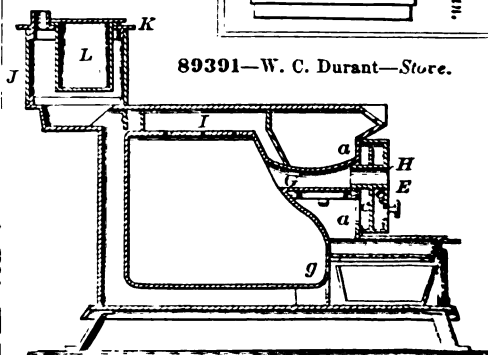


89390—F. S. Dumont—For  
Compressing Air.

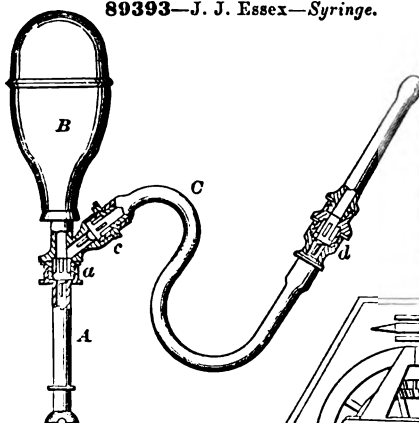


89392—A. J. Dwyer—Milk Can.

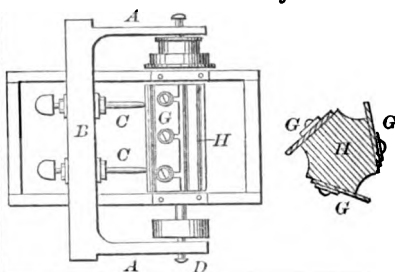
89391—W. C. Durant—Store.



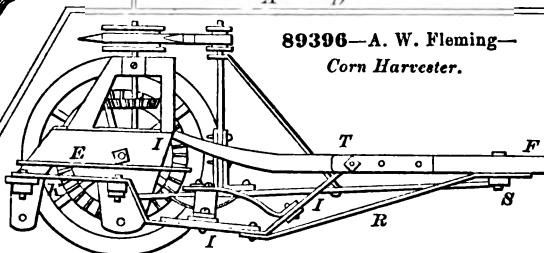
89393—J. J. Essex—Syringe.



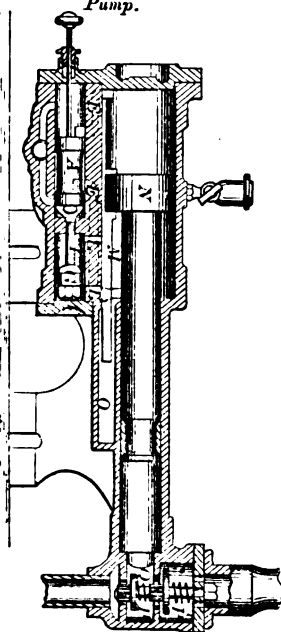
89394—A. Evans—Gauge.



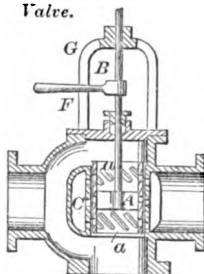
89396—A. W. Fleming—  
Corn Harvester.



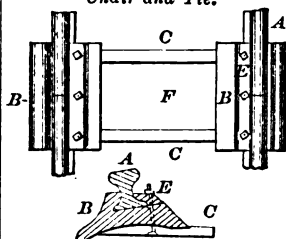
89398—W. W. Gilbert—  
Pump.



89399—W. W. Gilbert—  
Valve.



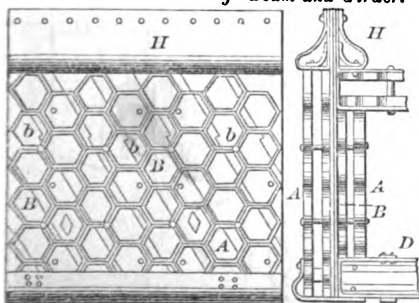
89397—T. F. Fouts—Railroad  
Chair and Tie.



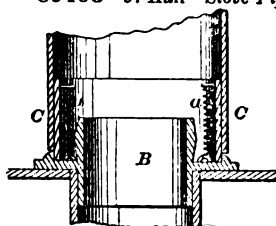
89402—A. Gregory—Life  
Preserver.

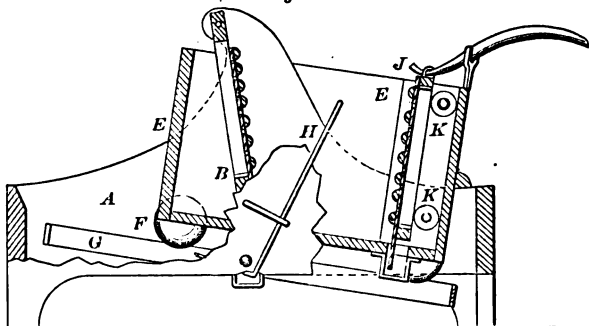
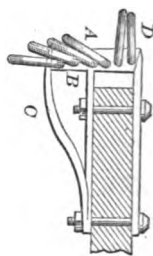
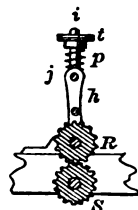
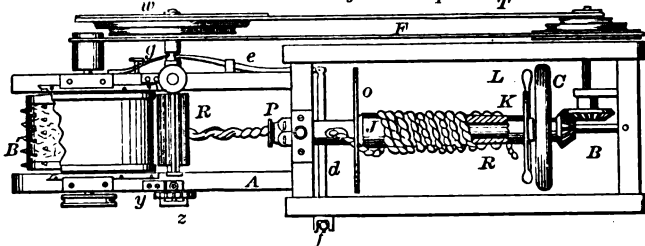
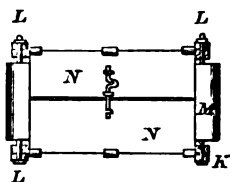
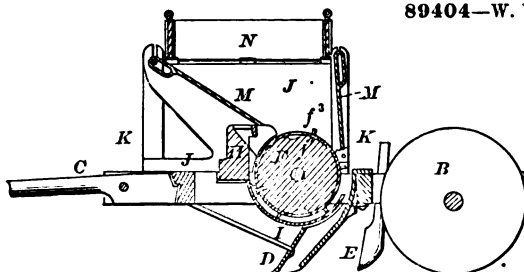
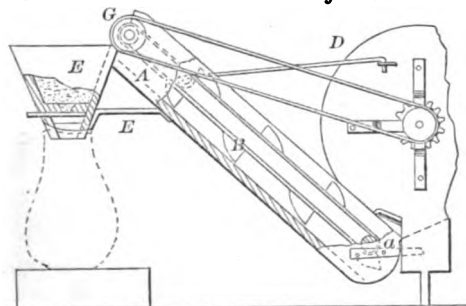
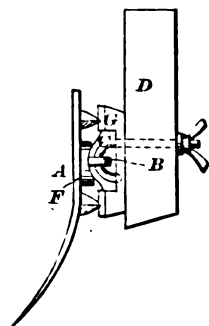
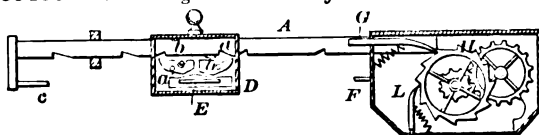


89400—J. Gill—Bridge Beam and Girder.

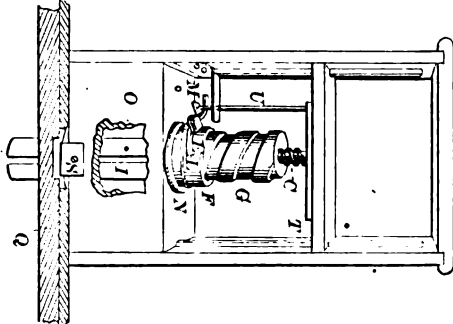


89403—J. Hall—Stove Pipe.

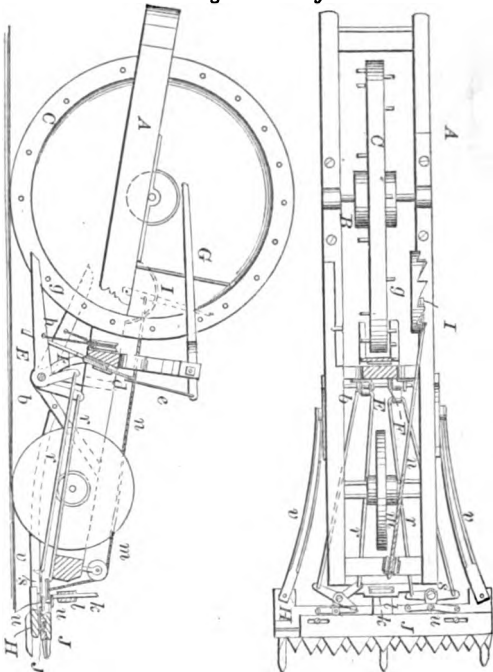


89401—D. Graves—*Washing Machine.*89407—G. W. Holton—*Clevis.*89403—H. R. Hildreth—*For Picking Hair Rope.*89404—W. W. Haupt—*Seed Planter.*89406—N. Hinman—*For Fanning Mills.*89409—B. S. Hyers—*Cultivator.*89408—W. A. Hough—*Billiard Register.*

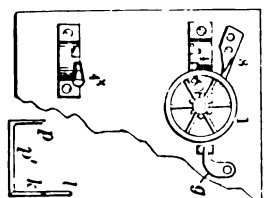
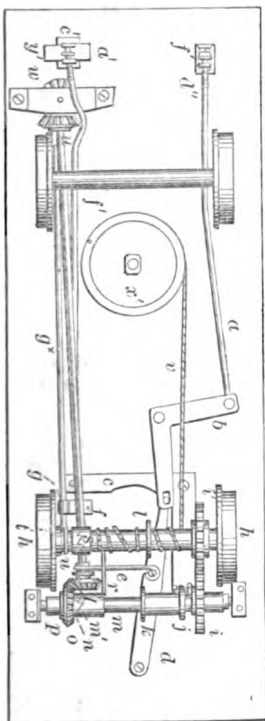
89411—J. P. Kintner—Screw.



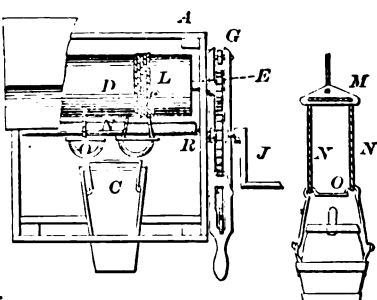
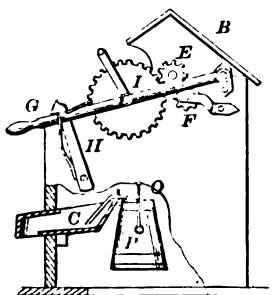
89412—W. H. Knight—Mowing Machine.

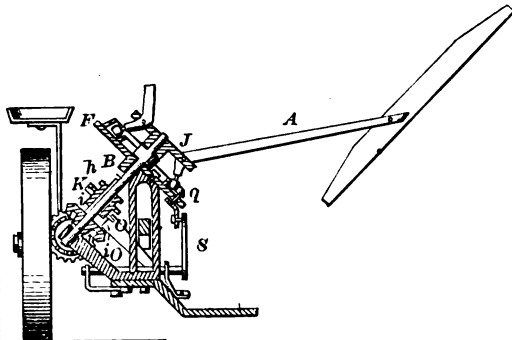
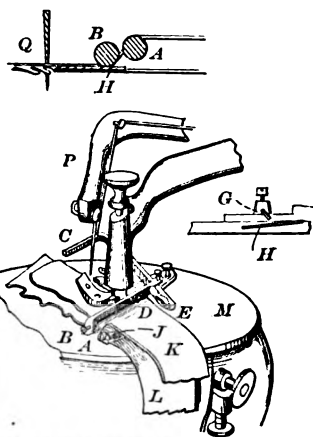
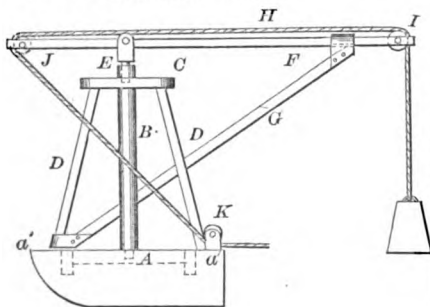
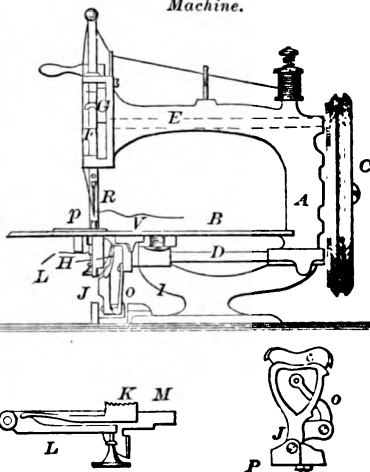
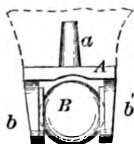
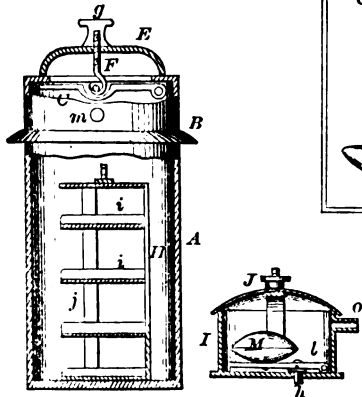
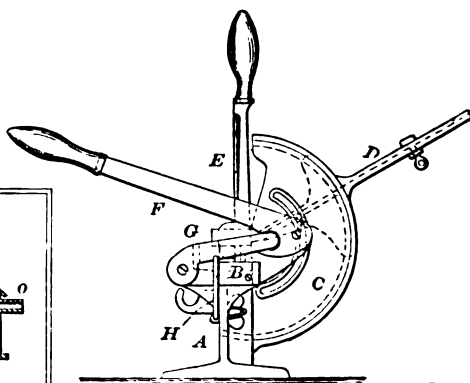


89410—C. L. Irving—Car Brake and Starter.

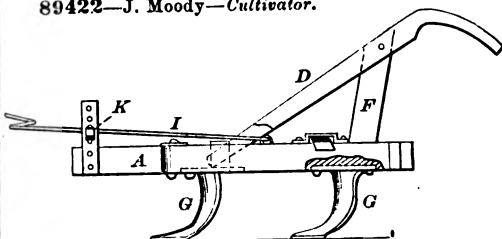


89413—L. M. Knowles—Water Elevator.

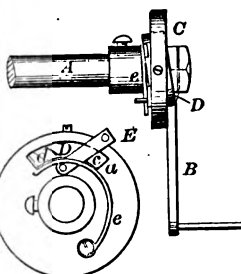


89414—I. Lancaster—*Harvester Rake.*89415—W. W. Lowerree—*For Ruffing.*89416—N. Matlick—*Derrick.*89417—T. J. McArthur—*Sewing Machine.*89418—W. C. McGill—*Caster.*89419—L. McLellan—*Boiler.*89421—T. H. Mead—*For Mitering Printers' Rules.*

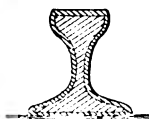
89422—J. Moody—Cultivator.



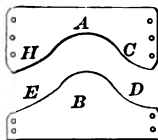
89423—C. T. Moore—Crank.



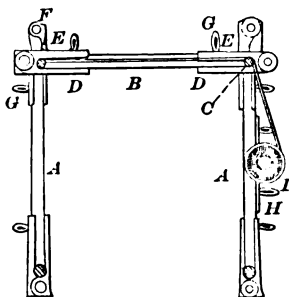
89425—J. Myers, Jr.—Railroad Bar.



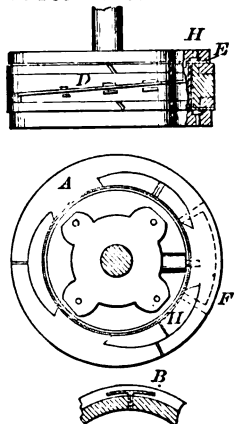
89426—E. Norton—Store Pipe Blank.



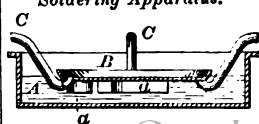
89427—J. Odell—Quilting Frame.



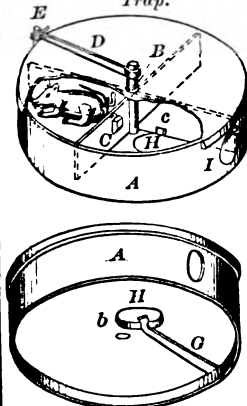
89428—W. Ord—Piston.



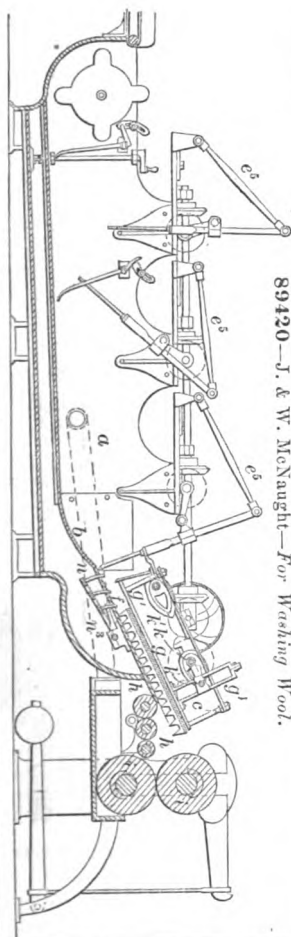
89431—Pratt & Seimel—Soldering Apparatus.

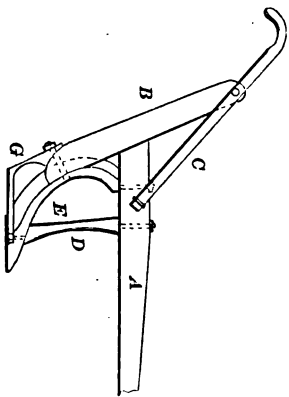
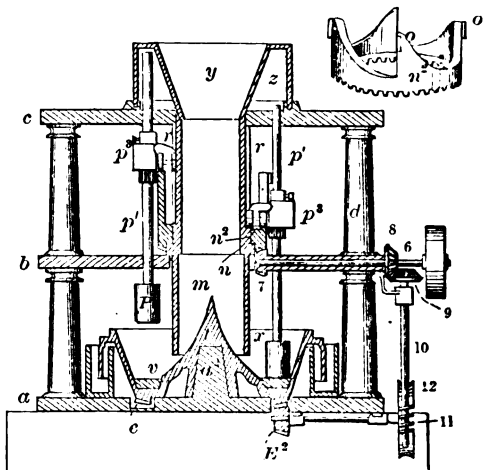
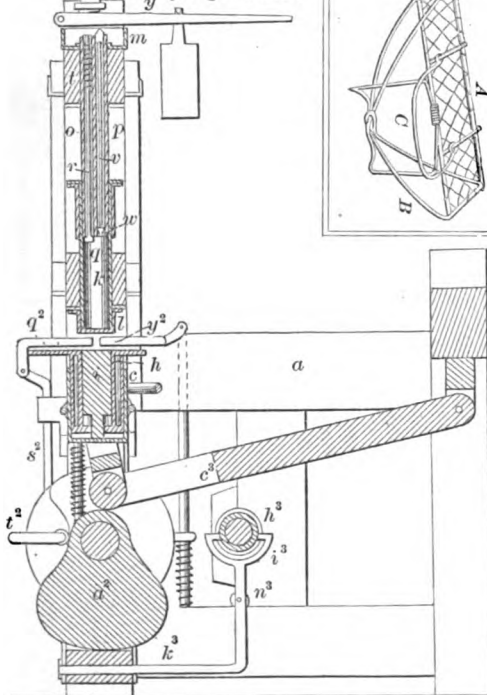
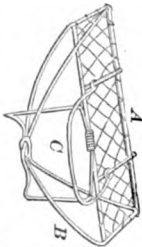
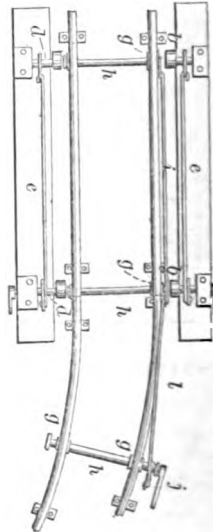
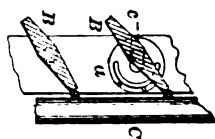
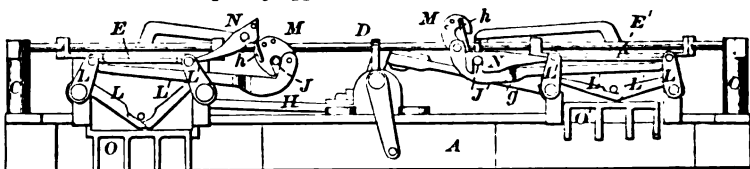


89429—D. J. Owen—Trap.

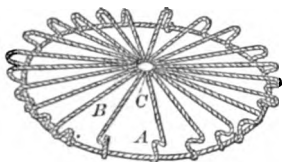


89420—J. & W. McNaught—For Washing Wool.

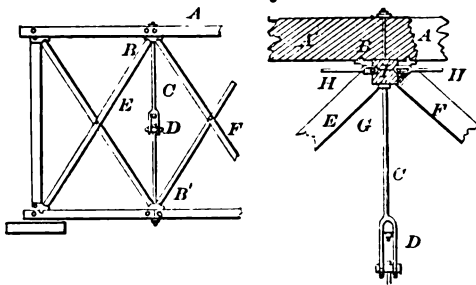


**89432—J. B. Pullman—Plow.****89434—J. Repetti—Quartz Crusher.****89433—B. F. Quimby—For Making Paper Boxes.****89436—W. W. Russell—Wire Bracket.****89437—L. Savage—For Transferring Freight.****89438—W. Sellers—Blind Slat Fastener.****89435—P. Roberts—Propelling Apparatus.**

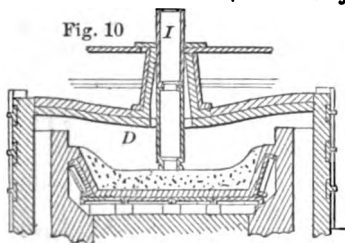
**89440—D. Sherwood—Dish Stand.**



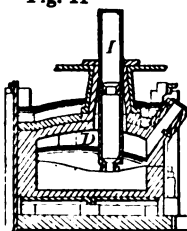
**89442—F. H. Smith—Bridge.**



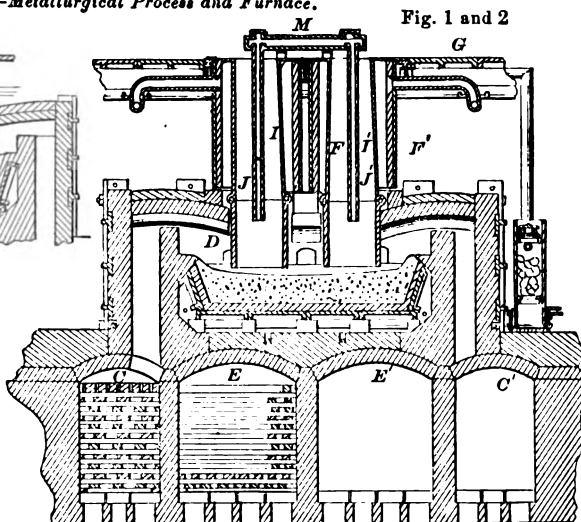
**89441—C. W. Siemens—Metallurgical Process and Furnace.**



**Fig. 10**

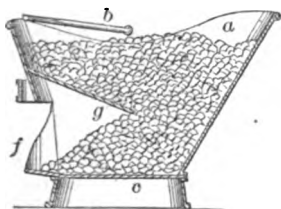


**Fig. 11**

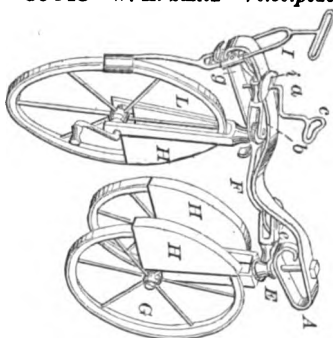


**Fig. 1 and 2**

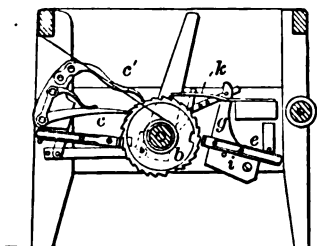
**89444—J. G. Somes—Coal Hod.**



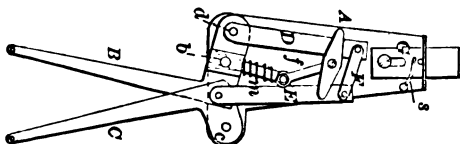
**89443—W. H. Smith—Velocipede.**



**89445—J. Sparks—Loom.**

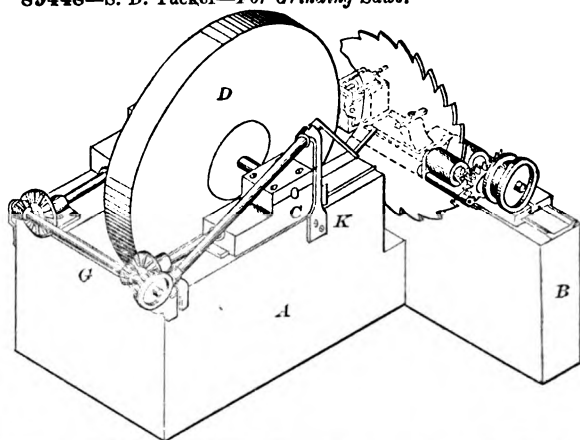


**89446—J. Thomas—For Embroidering.**

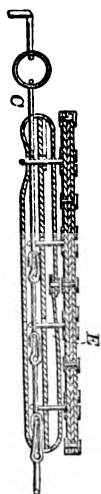




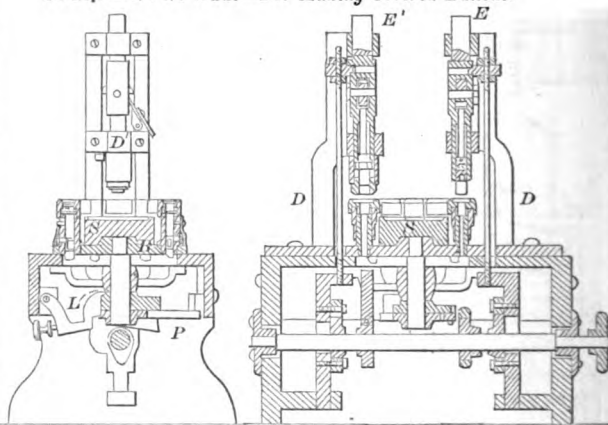
89448—S. D. Tucker—For Grinding Saws.



89447—J. A. Trull—Nail Bag Fastening.



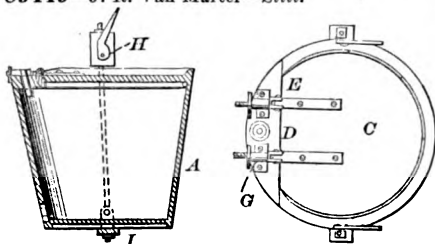
89450—W. W. Wade—For Making Covered Buttons.



89451—A. Waldron—Shoe Nail.



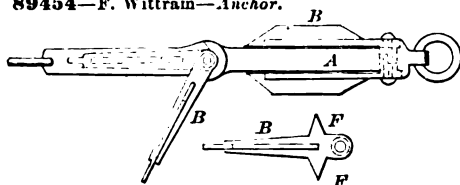
89449—J. R. Van Marter—Still.



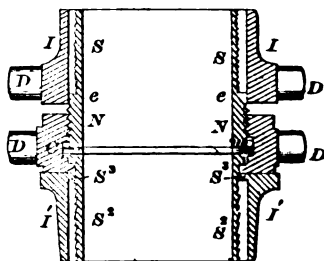
89452—L. Weed—Ear Drop Suspender.



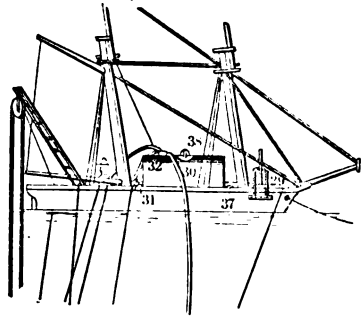
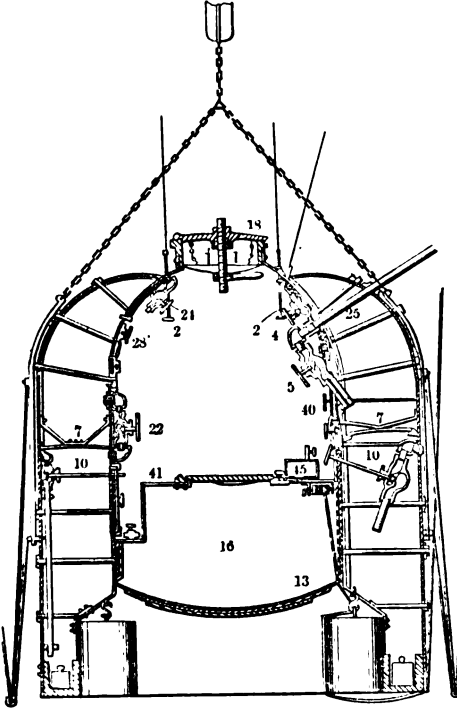
89454—F. Wittram—Anchor.



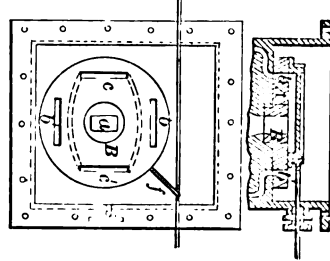
89455—A. F. Allen—Hose Coupling.



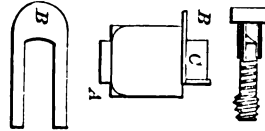
89453—J. A. Weiss—Diving Bell.



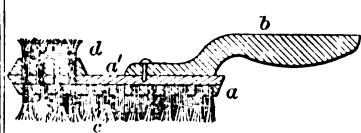
89457—A. M. Allen—Reversing Gear.



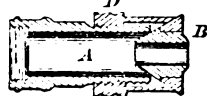
89460—W. E. Ball—Nut Lock.



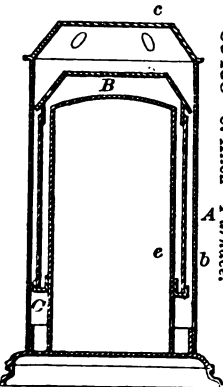
89459—C. L. W. Baker—Brush.



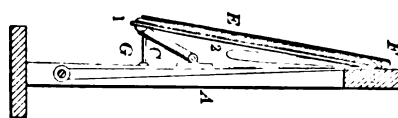
89456—A. F. Allen—Nozzle.



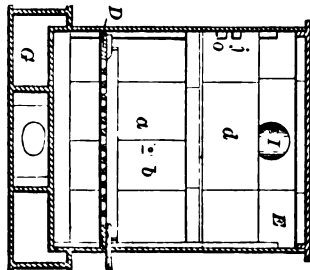
89458—C. Allen—Furnace.



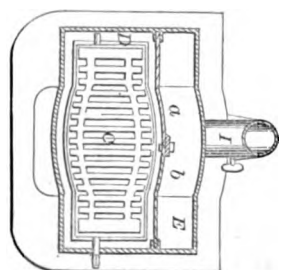
89462—H. A. Bowman—Aiming.



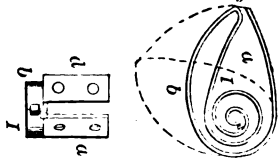
89463—T. Brockman—Store.



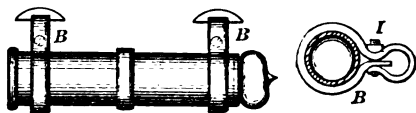
89461—G. W. Bishop—Wrench.



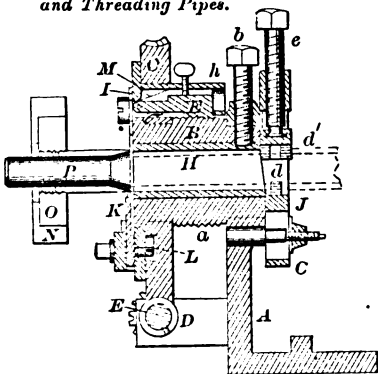
89464—M. Bush—Hinge.



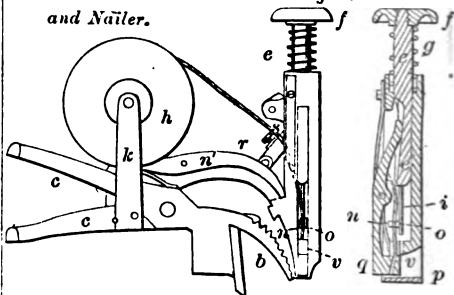
89465—Caldwell &amp; Bugbee—Whip Socket.



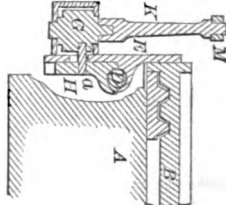
89466—W. D. Chase—For Cutting and Threading Pipes.



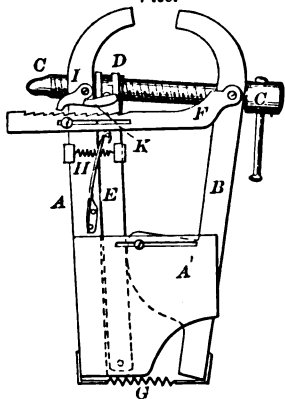
89467—F. O. Claflin—Lasting Pincers and Nail.



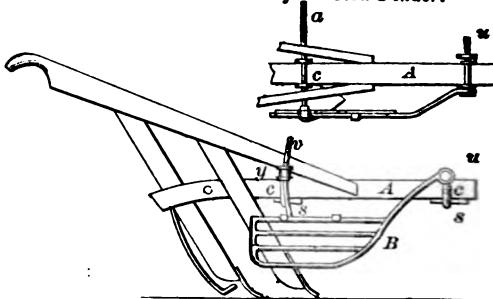
89468—A. B. Couch—Lathe.



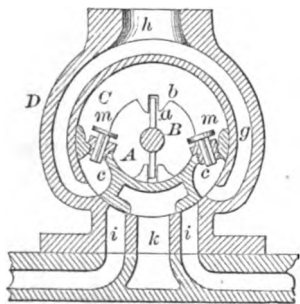
89469—Crawley &amp; Baylies—Vise.



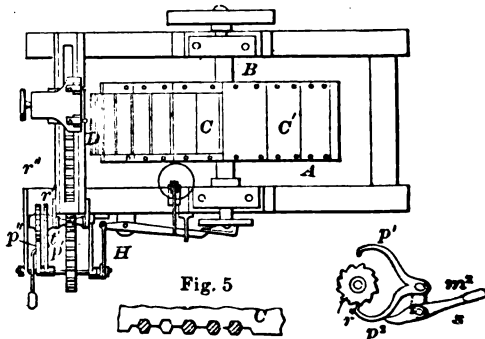
89470—J. C. &amp; W. F. Curryer—Clod Fender.



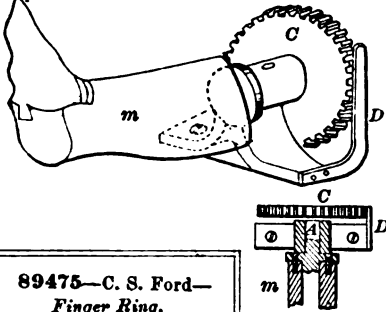
89471—C. Dawson—Valve.



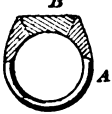
89472—F. De Bowens—For Match Sticks.



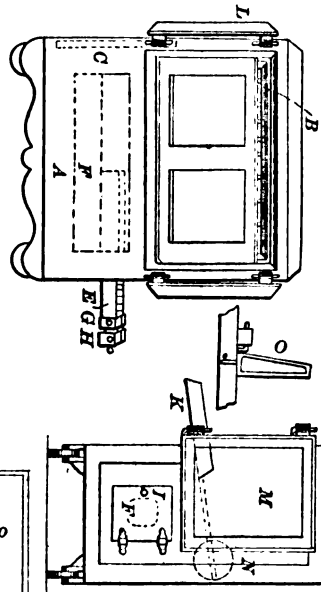
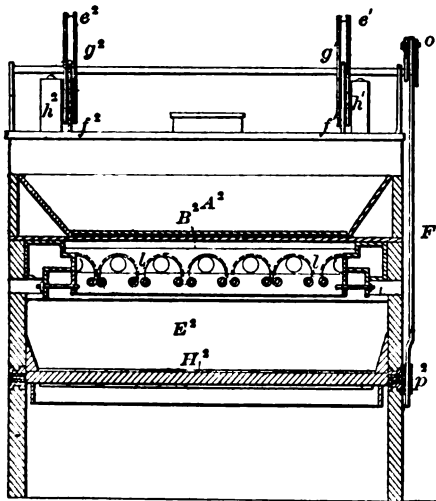
89473—T. R. Evans—Shoe Tree.



89475—C. S. Ford—  
Finger Ring.

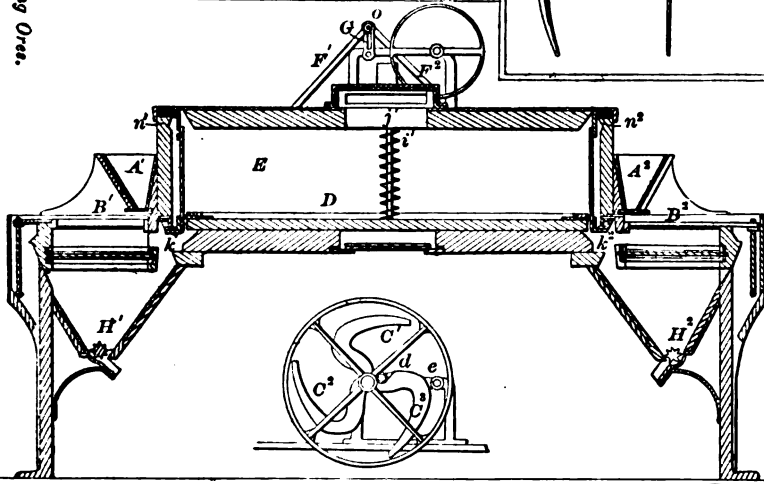
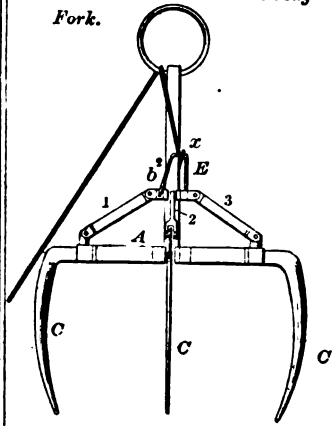


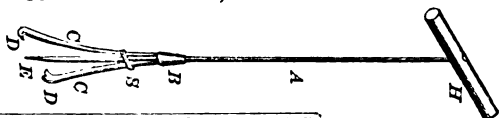
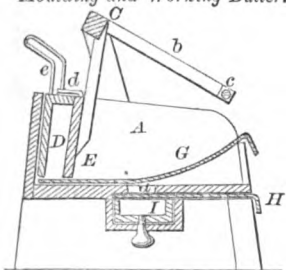
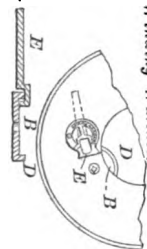
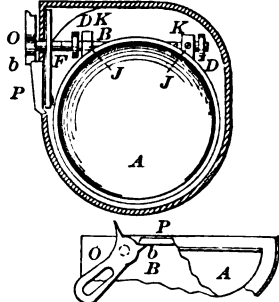
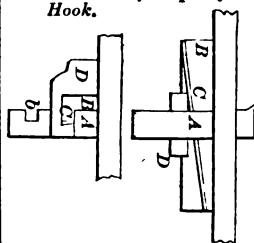
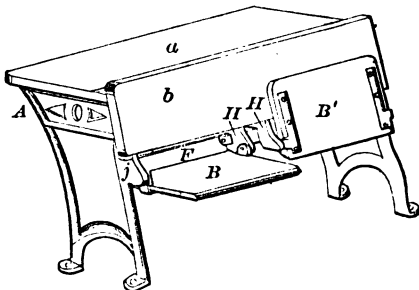
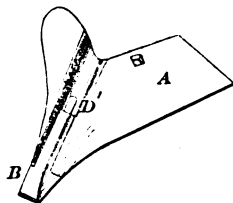
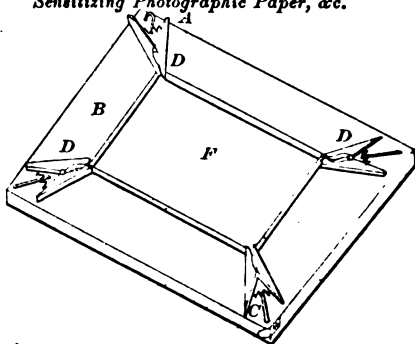
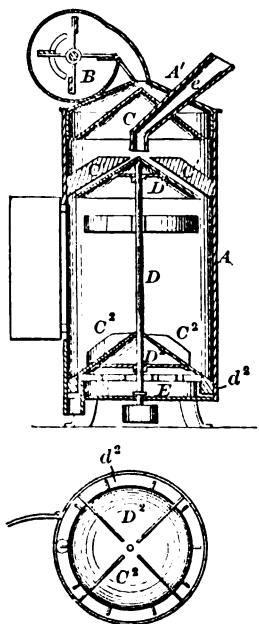
89476—R. George—For Concentrating and Separating Ore.



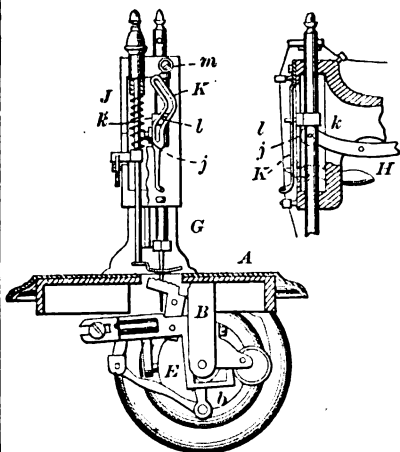
89474—D. Fitzgerald—Safe.

89478—E. Harter—Horse Hay Fork.

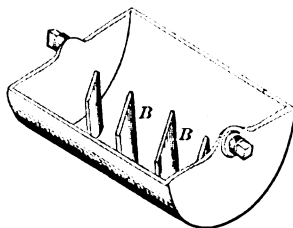
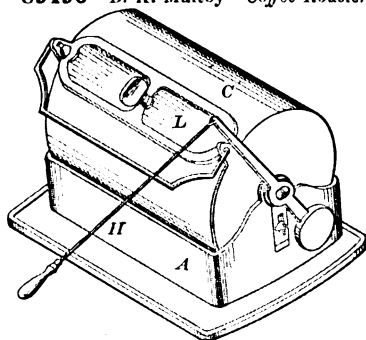


89477—G. L. Gibson, Jr.—*Cork Extractor.*89480—J. C. Hervey—*For Moulding and Working Butter.*89482—E. H. Hull—*For Winding Watches.*89479—J. Hayden, Jr.—*Water Closet.*89483—J. Humphreys—*Bench Hook.*89484—A. Hutchinson—*Desk.*89487—G. King—*Whip.*89486—C. B. Kerr—*Plow Point.*89488—W. S. Lukenbach—*For Flowing and Sensitizing Photographic Paper, &c.*89485—P. Johnson—*Flour Cooler.*

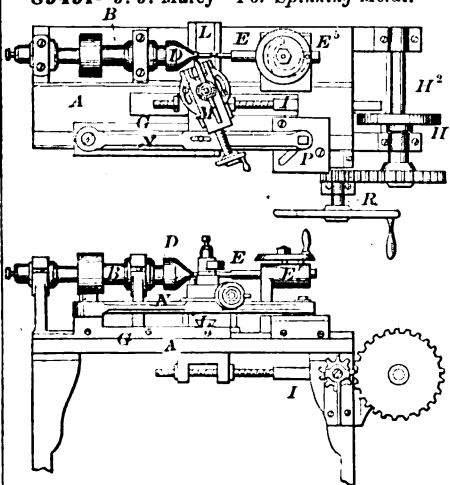
89489—L. Lyon—Sewing Machine.



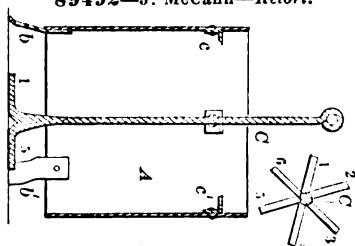
89490—B. K. Maltby—Coffee Roaster.



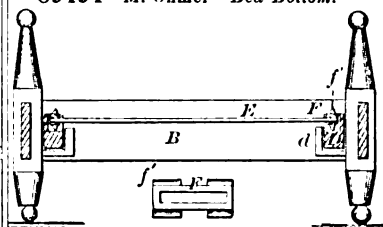
89491—J. J. Marcy—For Spinning Metal.



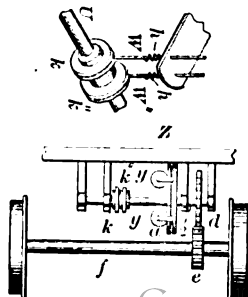
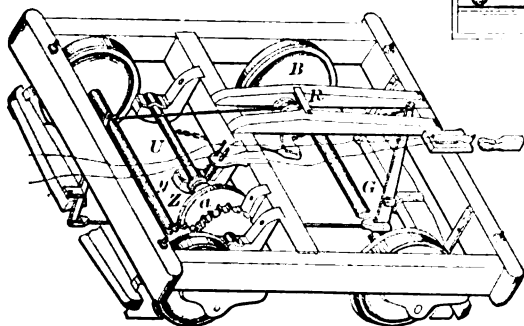
89492—J. McCann—Retort.



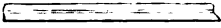
89494—M. Ohmer—Bed Bottom.



89495—J. Olmsted—Car Brake.



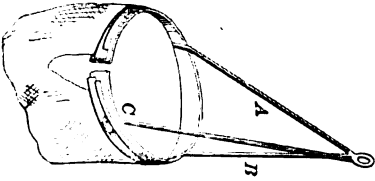
**89496**—J. W. Owen—For  
Chair Seats, &c.



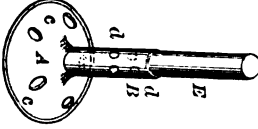
**89499**—H. L. Pierce—Belt  
Hook.



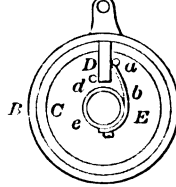
**89500**—Peyton & Wallach—Bag  
Holder.



**89497**—W. S. Owen—Churn  
Dasher.

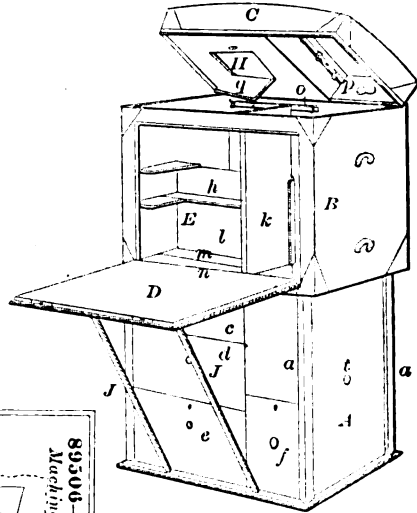


**89501**—G. M. Pratt—  
For Sewing Machines.

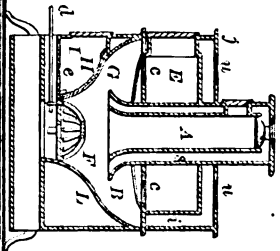
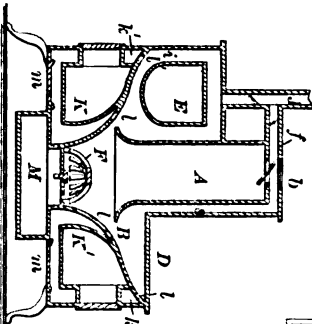


**89498**—S. H. Parish—Shears.

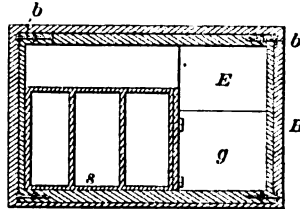
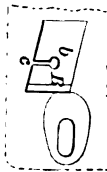
**89503**—C. R. Rand—Trunk.



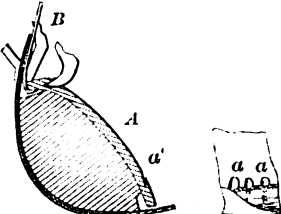
**89505**—T. P. Rossier—Store.



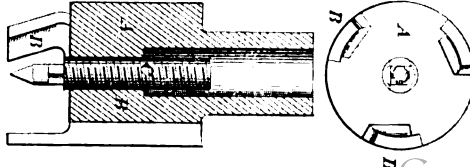
**89506**—A. F. Kumpff—Sewing  
Machine Guide.



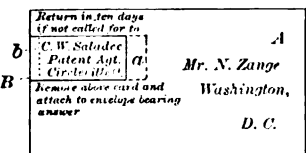
**89504**—E. P. Richardson—  
Boots and Shoes



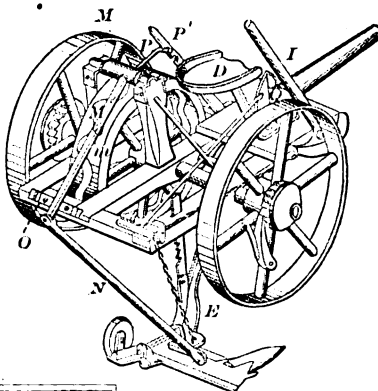
**89502**—T. Prosser—Pin Drill.



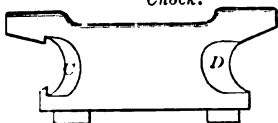
89507—C. W. Saladee—Envelope.



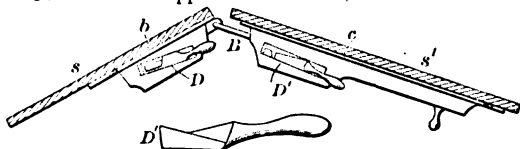
89509—J. W. Shaw—Harvester.



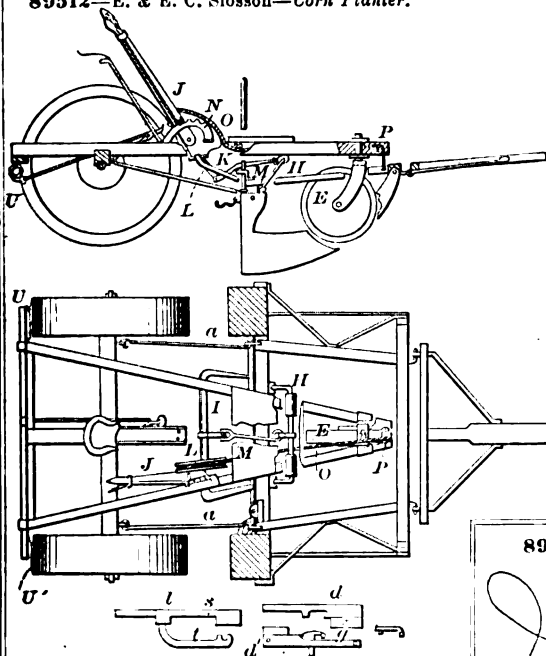
89514—Stevens & Brown—Cleat and Chock.



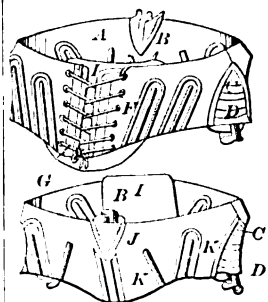
89511—J. F. Sipple—Bolt.



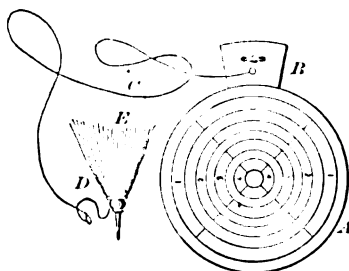
89512—E. & E. C. Slosson—Corn Planter.



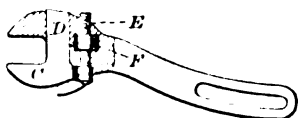
89513—C. Smith—Abdominal Corset.



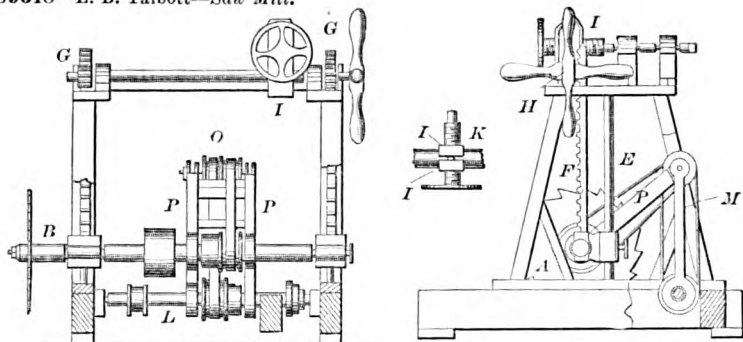
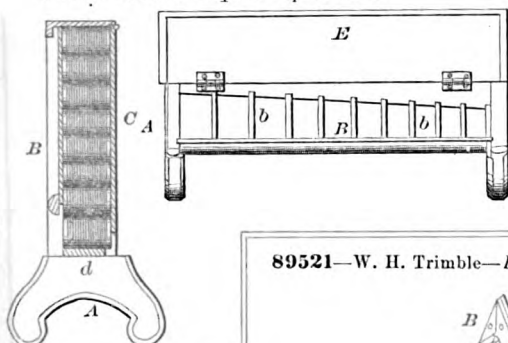
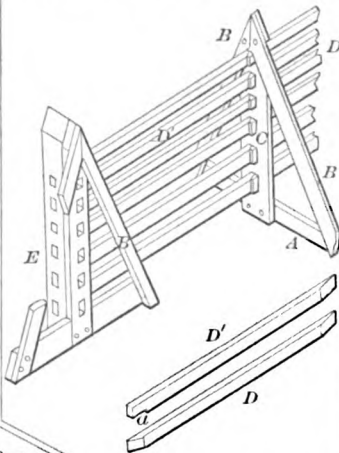
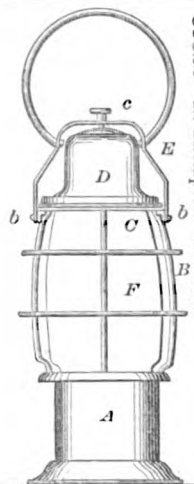
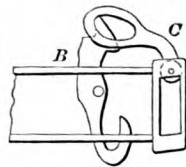
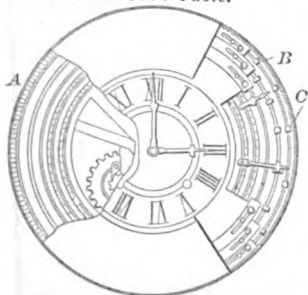
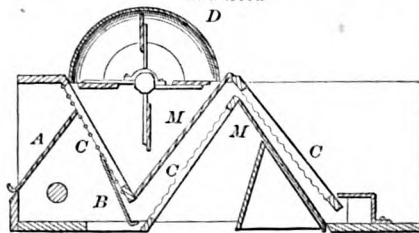
89516—B. L. Stone—Toy Target.



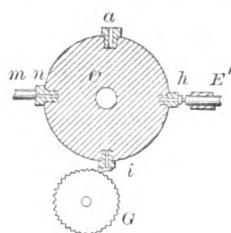
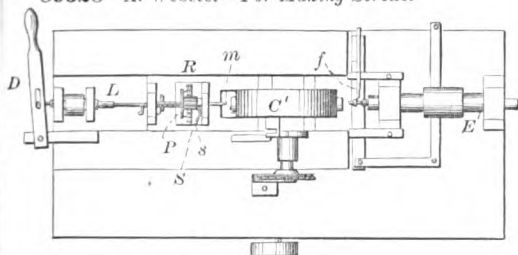
89517—G. C. Taft—Wrench.



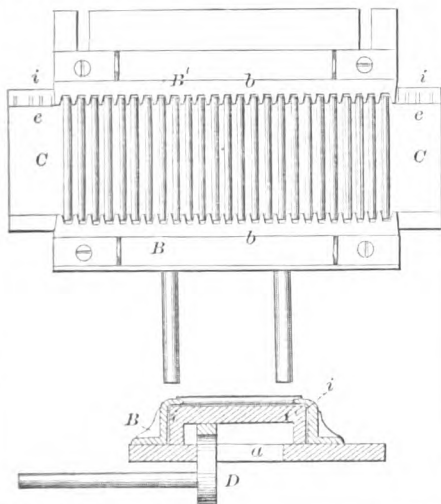


89518—E. B. Talbott—*Saw Mill.*89519—J. P. Thompson—*Spool Case.*89521—W. H. Trimble—*Fence.*89520—N. Thompson—*Lantern.*89525—W. V. Wallace—*Car Coupling.*89524—A. H. Vancleve—*Railroad Time Table.*89526—Watson & Tinkel—*For Screening Grain and Seed*

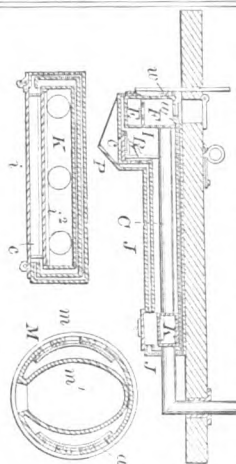
**89528—A. Webster—*For Making Screws.***



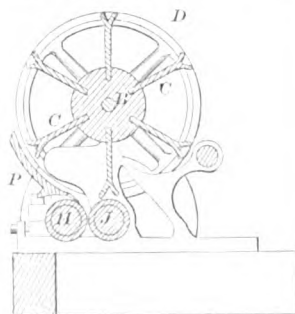
**89530**—E. Weissenborn—*For Polishing Pencils.*



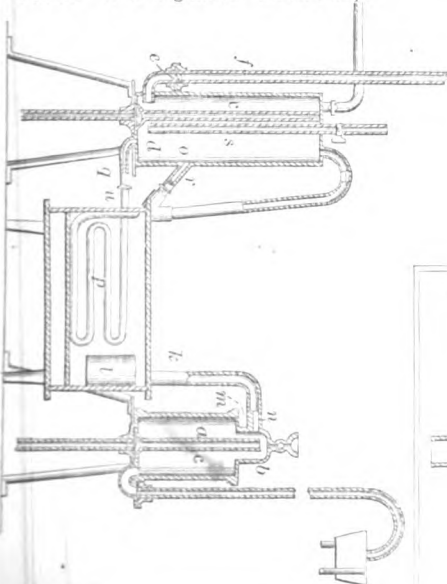
**89529—A. Weeks—Car Heater and Ventilator.**



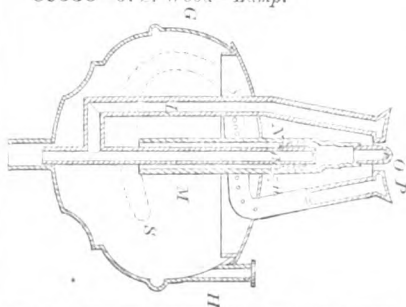
89533—A. Whitcomb—*Corn Husker*.



**89534**—J. C. Wightman—*Steam Pump.*



89536—J. S. Wood—*Lamp.*



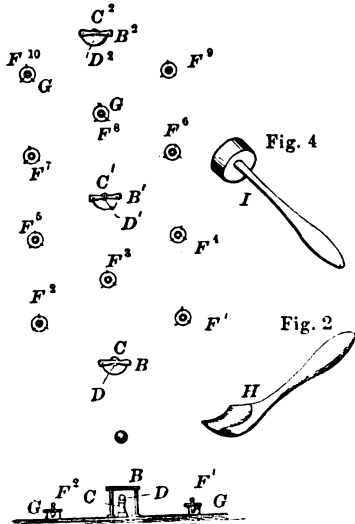
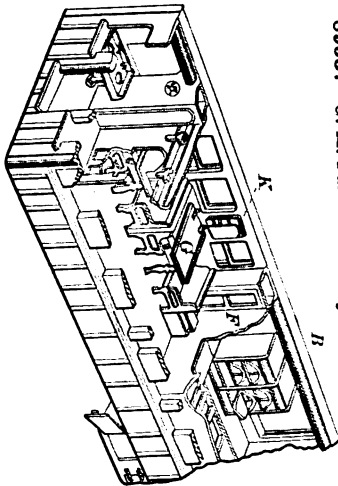
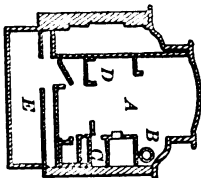
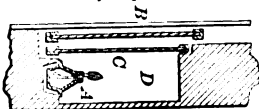
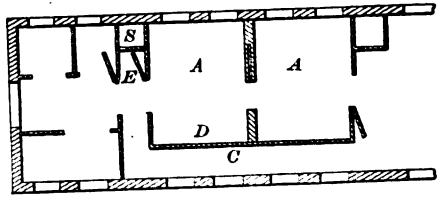
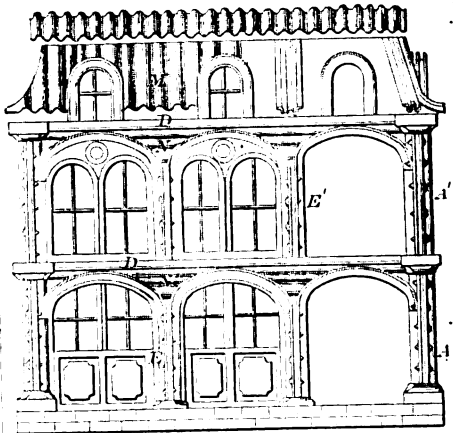
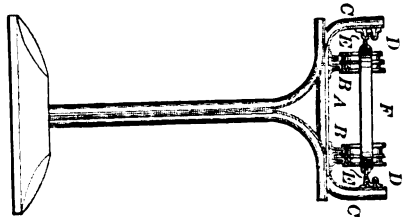
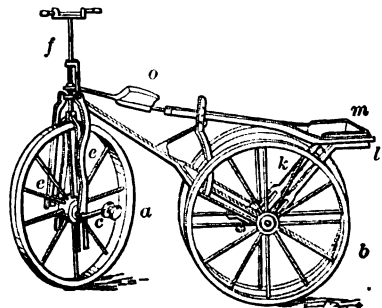
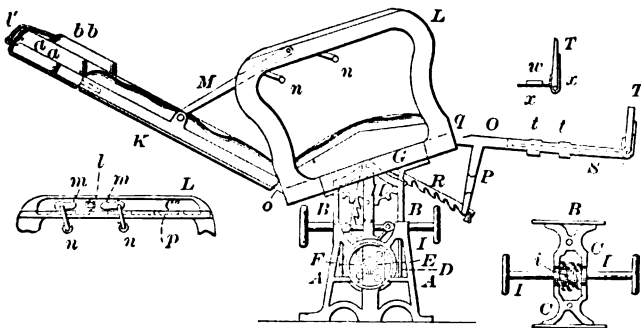
89535—J. W. Wilson—*Game*.

Fig. 4

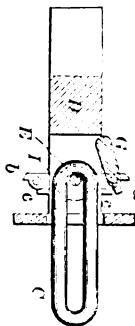
Fig. 2

89537—G. M. Pullman—*Dining Car*.89539—A. Longstreet—*For Lifting Cars*.89538—G. M. Pullman—*Hotel Car*.89540—R. Montgomery—*Corrugated Metal Building*.89541—R. Montgomery—*Elevated Railway*.89543—H. C. Lawrence—*Velocipede*.

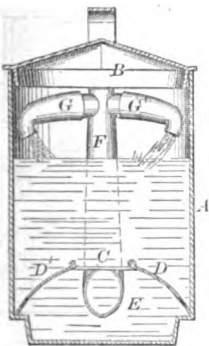
**89542—T. C. Theaker—*Car Seat and Couch.***



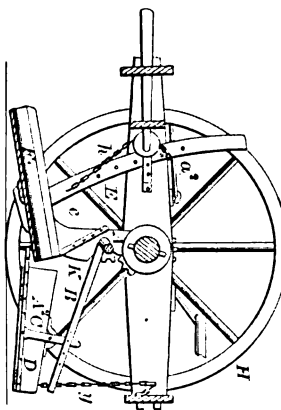
### 80544-D. Damage-Car Coupling.



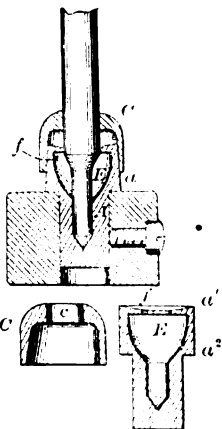
**89545—C. E. Miller—**  
*Wash Boiler.*



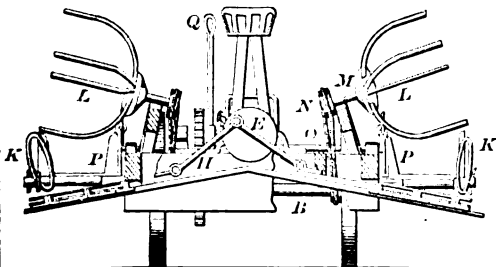
**.80547—L. L. Betty's—Potato Digger.**



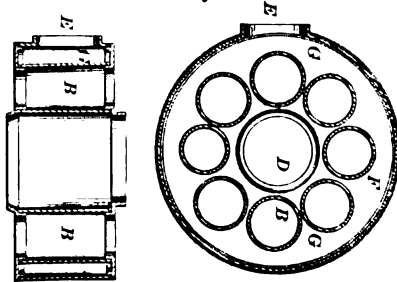
**89548—E. Blake—**  
*Spindle Step.*



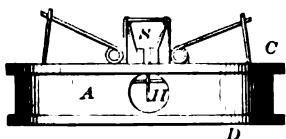
**89546—B. F. Barney—*Corn Harvester.***

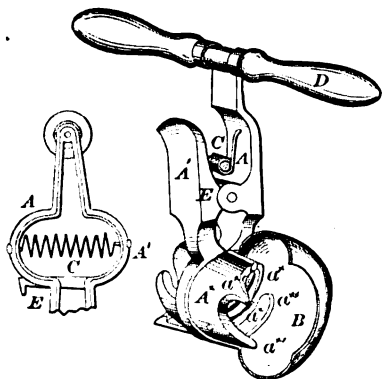
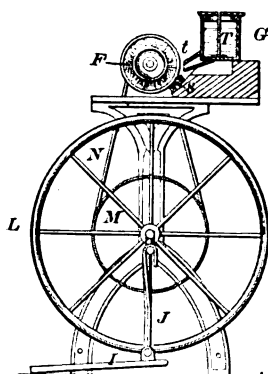
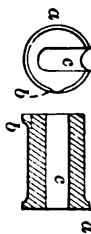
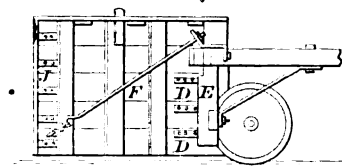
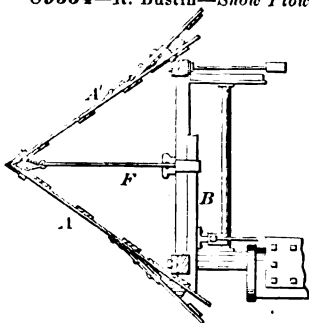
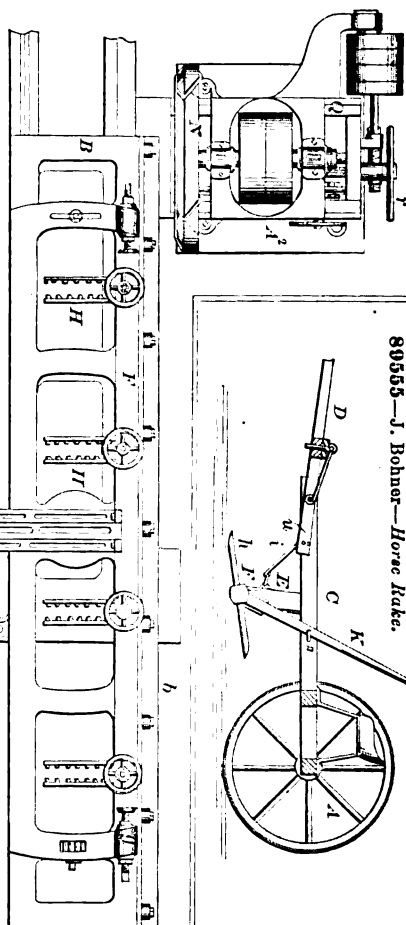
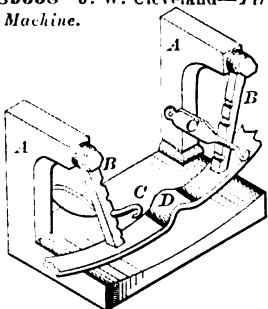
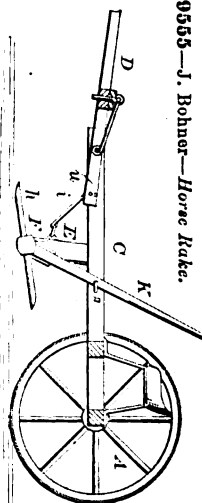


**89549—N. A. Boynton—Furnace.**

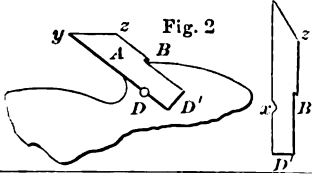


**89551—J. N. Bunnell—*Trap.***

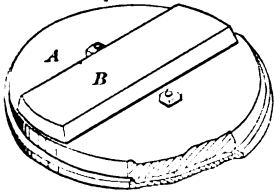


89550—J. Bowles—*Corn Sheller.*89552—M. Burnell—*Boot Blacking Machine.*89553—E. Burnham—*Rope Guide.*89554—R. Bustin—*Snow Plow.*89556—J. Casson—*For Planing.*89557—W. A. Caswell—*Blind Stop.*89558—J. W. Cleveland—*Tire Machine.*89555—J. Bohner—*Horse Rake.*

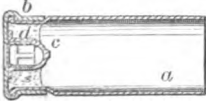
**89559—E. Colson—*Saw Teeth.***



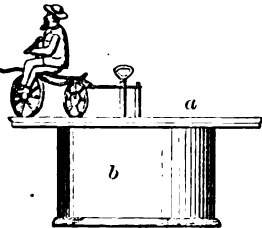
**89560**—H. Cooper—*Cheese Hoop Follower.*



**89563—G. H. Daw—Cartridge.**



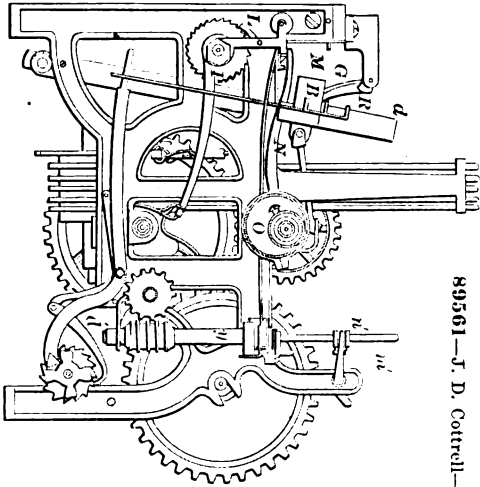
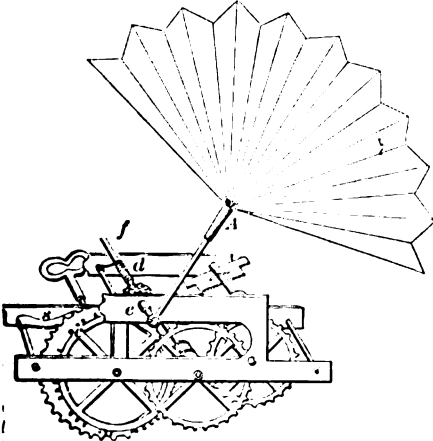
**89567—E. Eaton—Toy.**



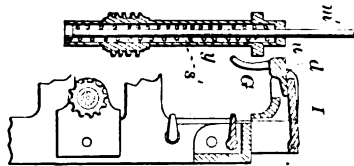
**89564—J. M. De Witt—**  
*Fastening Handles to Tools.*  
*E*



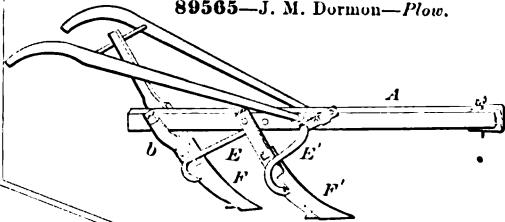
**89566**—Dunn & Burroughs—*Fan.*



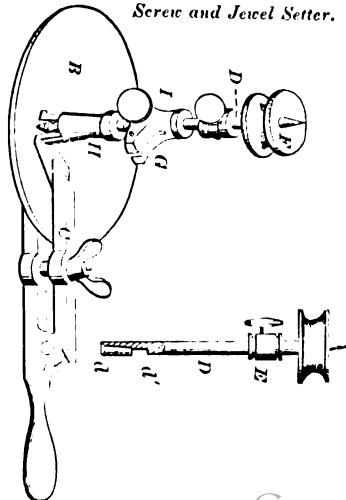
89561—J. D. Cottrell—*Loom.*



**89565**—J. M. Dormon—*Plow*.

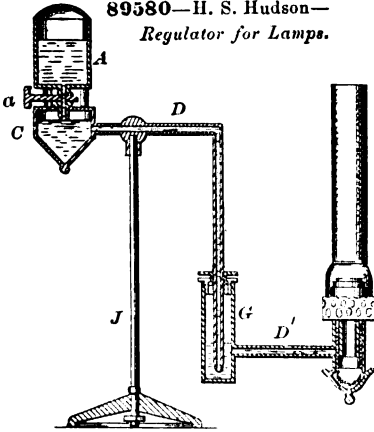


**89568**—C. E. Evard—*Freeing Tool,  
Screw and Jewel Setter.*

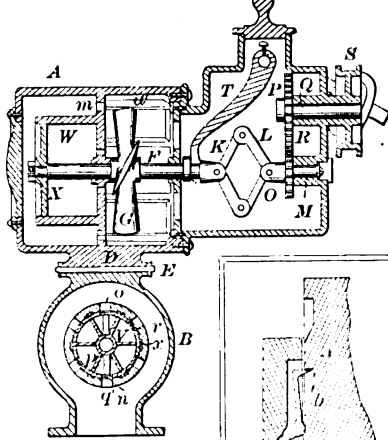




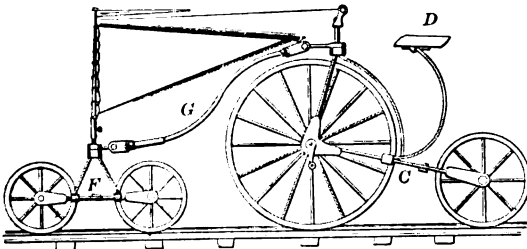
**89580**—H. S. Hudson—*Regulator for Lamps.*



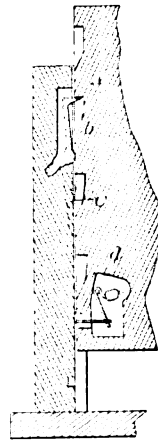
**89581**—R. K. Huntoon—*Governor.*



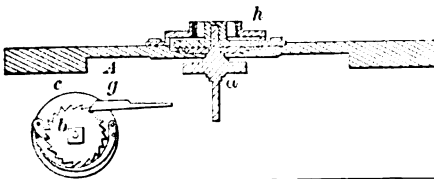
**89584**—J. H. Irwin—*Velocipede.*



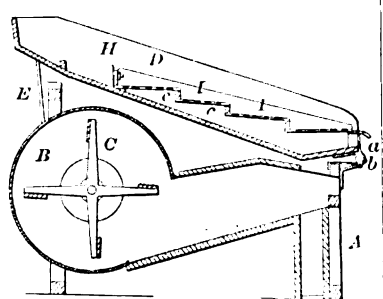
**89587**—G. King—*Sash Lock.*



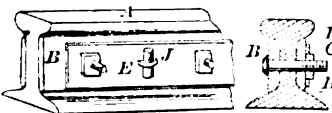
**89583**—I. Ickelheimer—*For Watch Winding.*



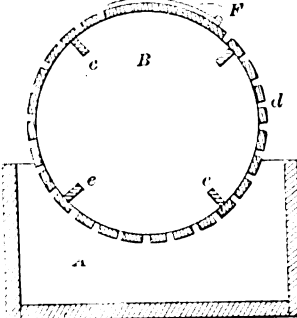
**89589**—E. McLane—*Corn Separator.*



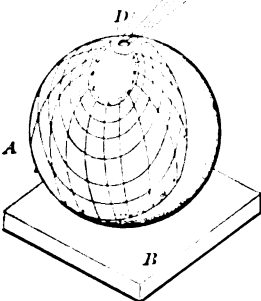
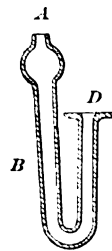
**89586**—C. F. Keller—*Locking Nuts.*



**89590**—H. N. Meeker—*For Washing Hides and Leather.*



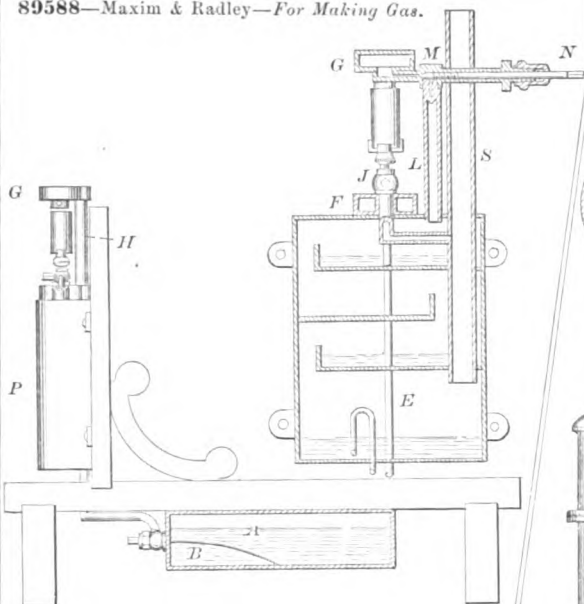
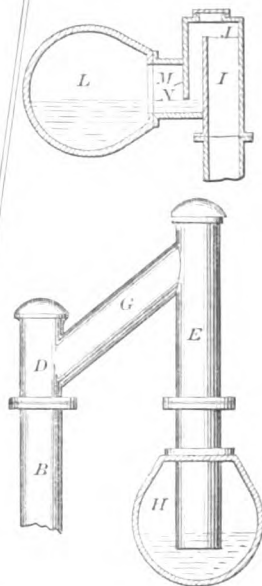
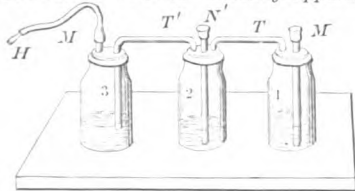
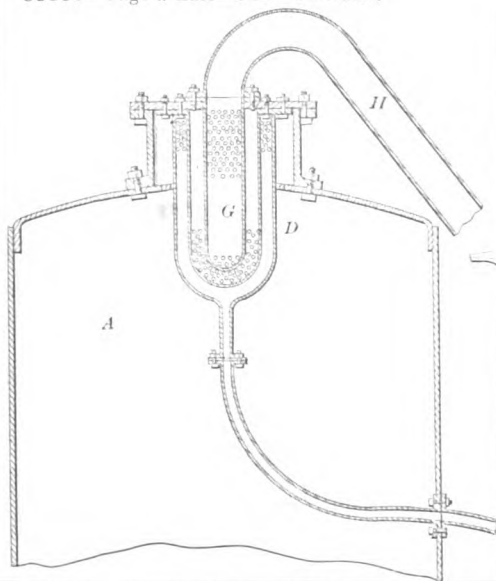
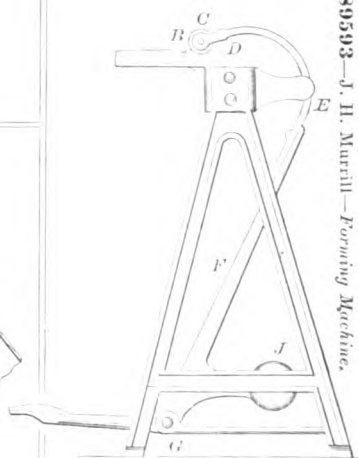
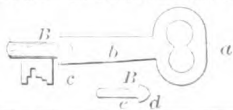
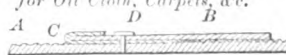
**89591**—A. P. Messer—*Inhalating Tube.*



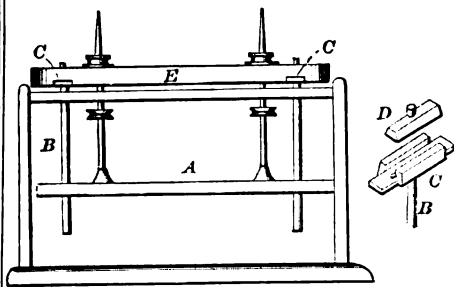
**89585**—J. Johnson—*Sun Drier.*



89588—Maxim &amp; Radley—For Making Gas.

89592—P. Munzinger—*Straddle Pipe.*89594—E. W. Owen—*Inhaling Apparatus.*89595—Page & East—*Steam Generator.*89593—J. H. Murrell—*Forming Machine.*89596—E. Parker—*Door Key.*89599—J. Piper—*Metal Binding for Oil Cloth, Carpets, &c.*

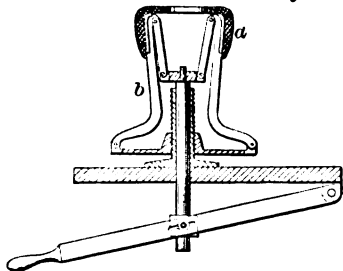
**89597**—S. B. Parmenter—*Spinning Frame.*



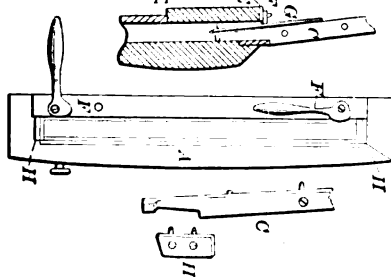
**89602**—G. Schreyer—*Asle Skein.*



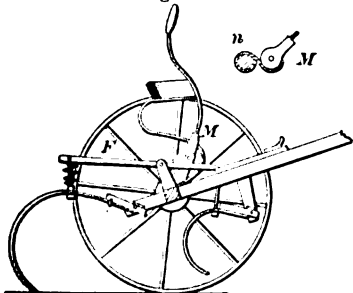
**89601**—J. Sheldon—*Hat Blocking Machine.*



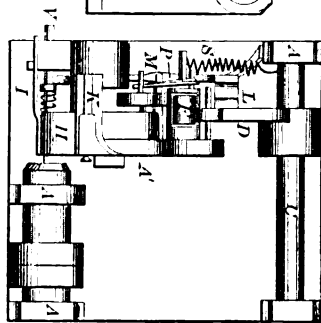
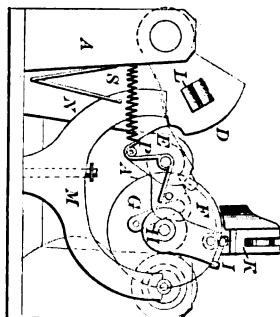
**89604**—W. Stewart—*Carriage Sash Fastener and Supporter.*



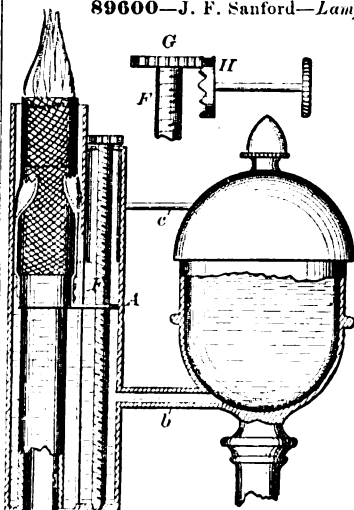
**89605**—S. Stoughton—*Horse Rake.*



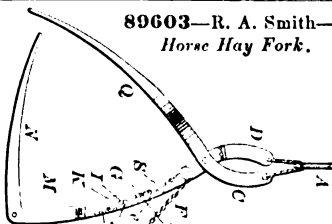
**89598**—E. S. Pierce—*For Conveying Screw Blanks.*

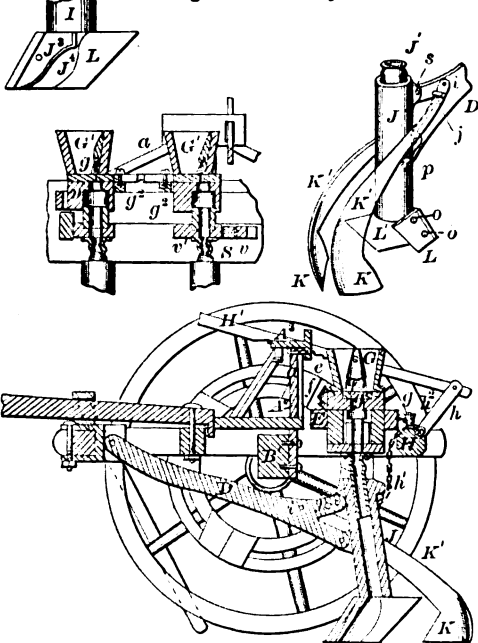
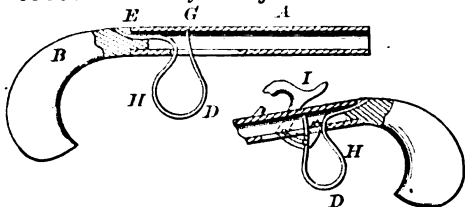
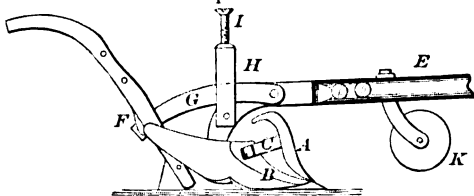
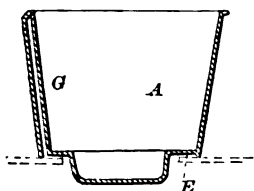
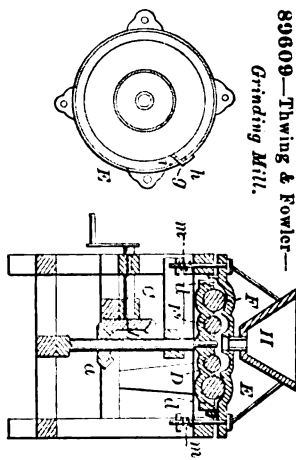
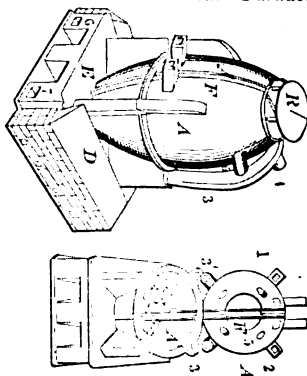
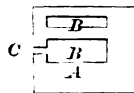
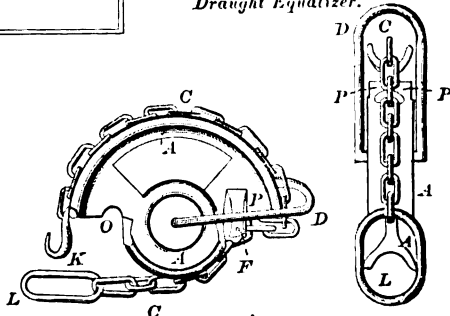


**89600**—J. F. Sanford—*Lamp.*

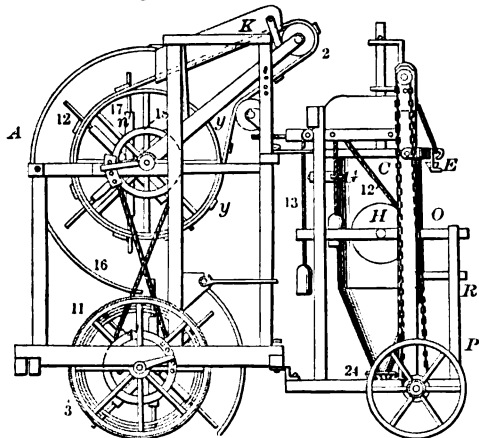


**89603**—R. A. Smith—*Horse Hay Fork.*

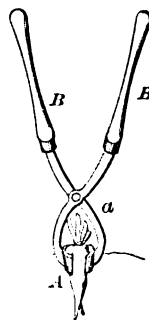


**89606—J. H. Stringfellow—Seeding Machine.****89607—C. B. Thayer—Toy Gun.****89608—S. R. Thompson—Plow.****89613—B. Wardwell—Culinary Apparatus.****89609—Thwing & Fowler—Grinding Mill.****89610—W. D. Titus—Furnace.****89612—J. S. Wallis—Cotton Bale Tie.****89614—S. H. Wheeler—Draught Equalizer.**

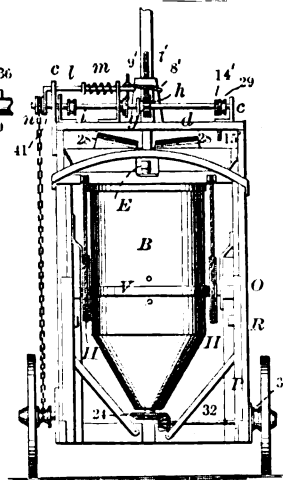
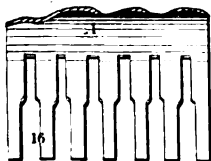
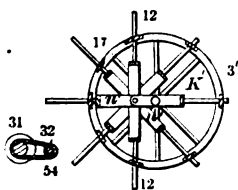
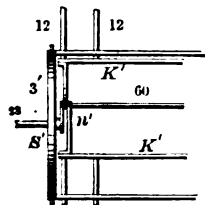
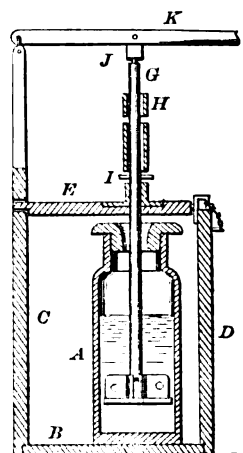
89611—J. Wadleigh—For Raking and Cocking Hay.



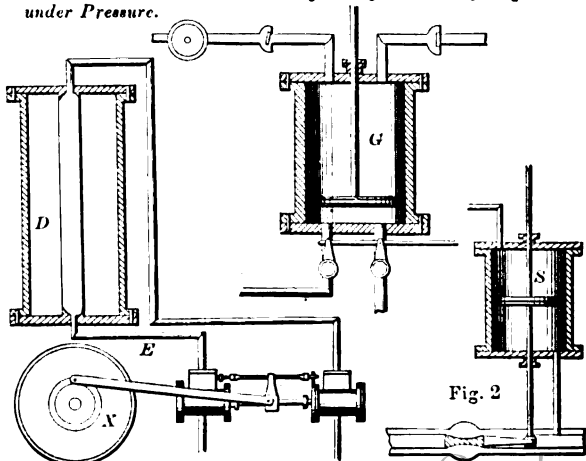
89615—B. Wright—Root Digger.



89616—S. S. Allen—Churn.



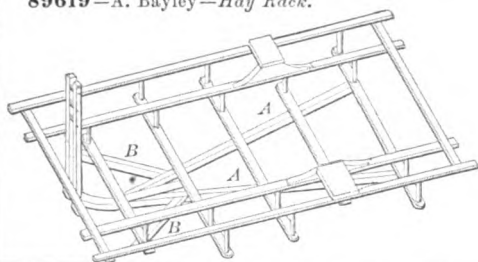
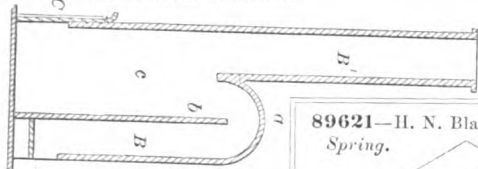
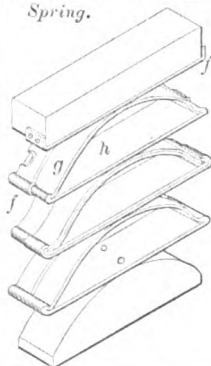
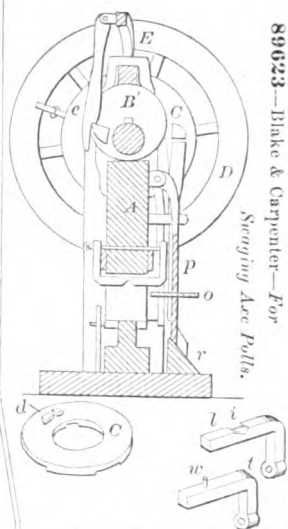
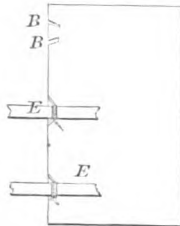
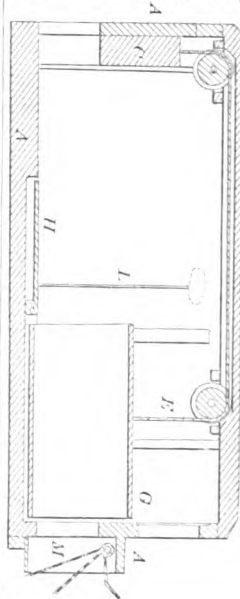
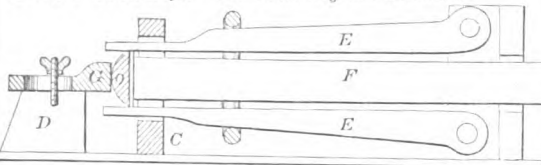
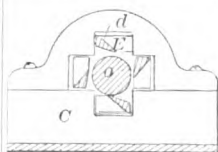
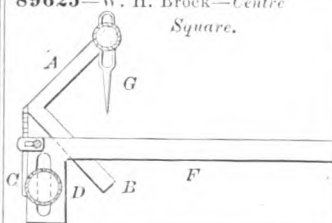
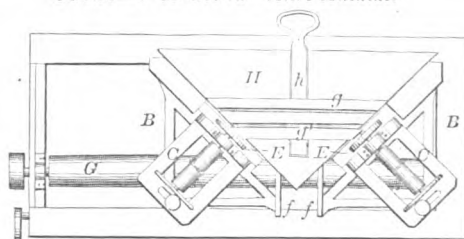
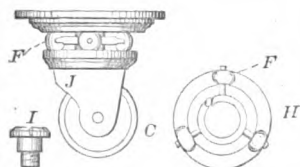
89617—J. S. Baldwin—For Regulating the Flow of Liquids under Pressure.



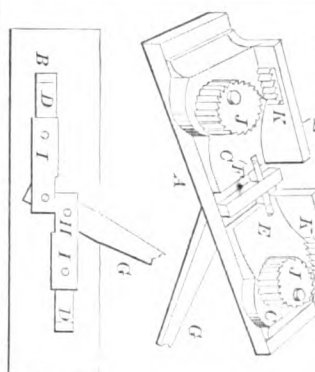
89618—Barber & Loomis—Needle Setter and Thread Pincers.



Fig. 2

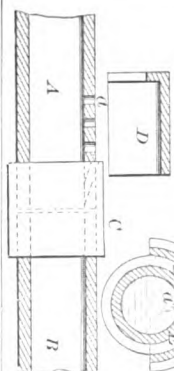
89619—A. Bayley—*Hay Rack.*89620—A. G. Bevin—*Furnace.*89621—H. N. Black—*Spring.*89622—W. I. Blackman—*Book Binding.*89623—Blake & Carpenter—*For  
Sawing Arc Pulks.*89626—E. Brown—*Trap.*89624—J. E. Boyle—*For Trimming Cue Leathers.*89625—W. H. Brock—*Centre  
Square.*89627—J. H. Brown—*Mitre Machine.*89628—M. S. Brownell—*Caster.*

89631—Carter & Gibson—Upsetting Machine.

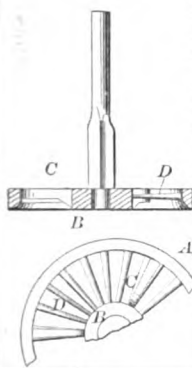


89630—S. Carlton—

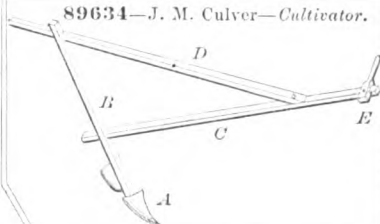
*Drain Pipe.*



89629—J. M. Buchanan—Churn Dash.



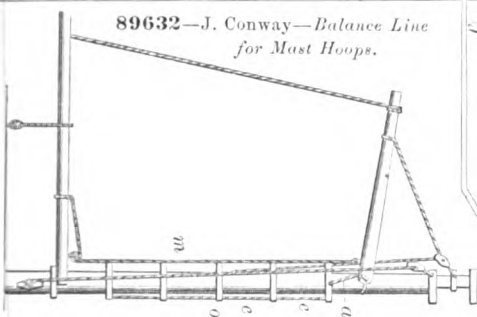
89634—J. M. Culver—Cultivator.



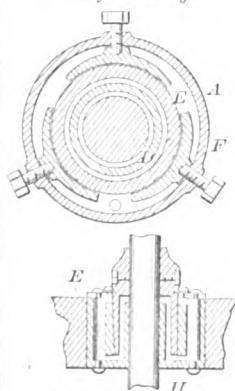
89633—P. Cullen—Boot Jack.



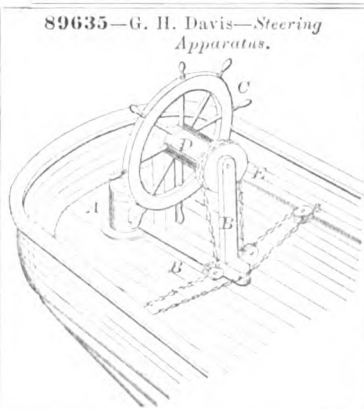
89632—J. Conway—Balance Line for Mast Hoops.



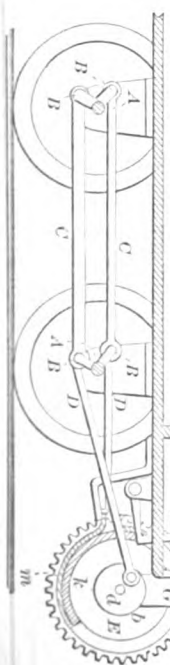
89637—E. A. Dayton—Shaft Bearing.



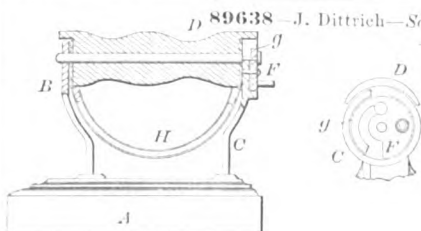
89635—G. H. Davis—Steering Apparatus.

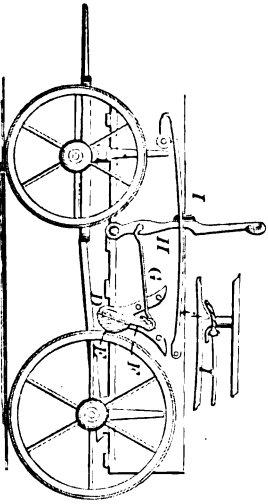


89636—Davis & Smith—Car Starter.



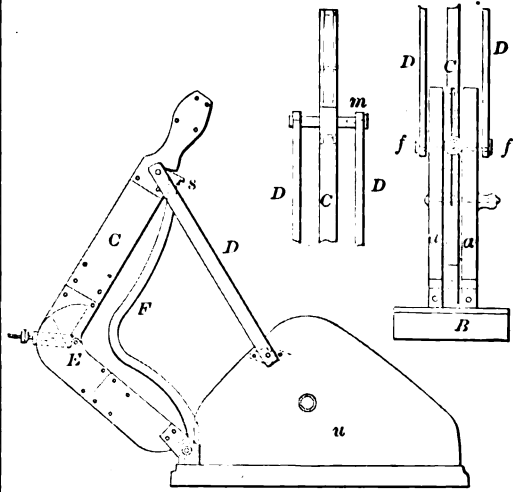
89638—J. Dittrich—Sad Iron.



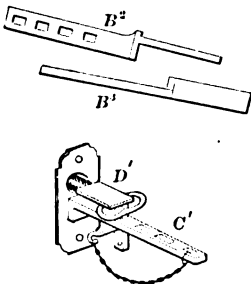


89639—G. B. Douglas—Wagon Brake.

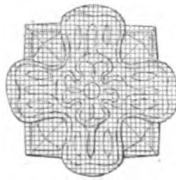
89640—W. R. Dunn—Boot Crimper.



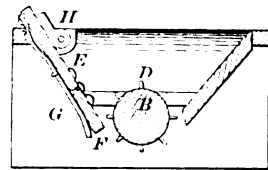
89641—R. S. Dunning—Key Fastener.



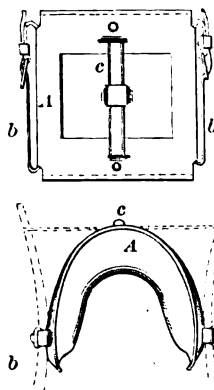
89642—F. J. Emery—Metal Ornaments.



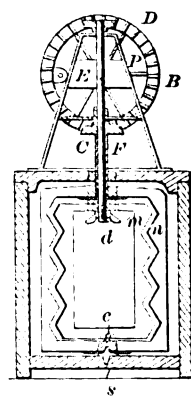
89643—Farnham &amp; Mosher—Fanning Mill.



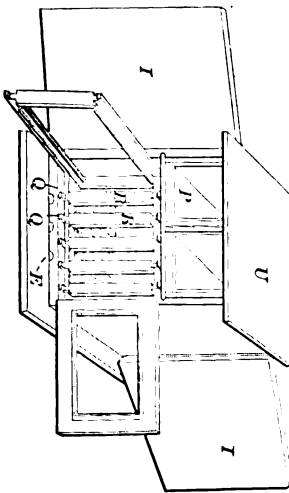
89646—C. J. Fisher—Neck Pad for Horses.



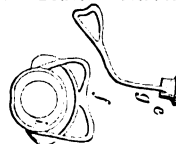
89345—J. E. Finley—Churn.

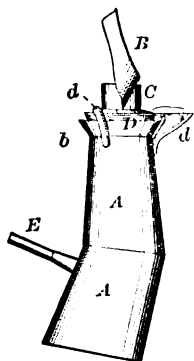


89644—J. E. Finley—Beehive



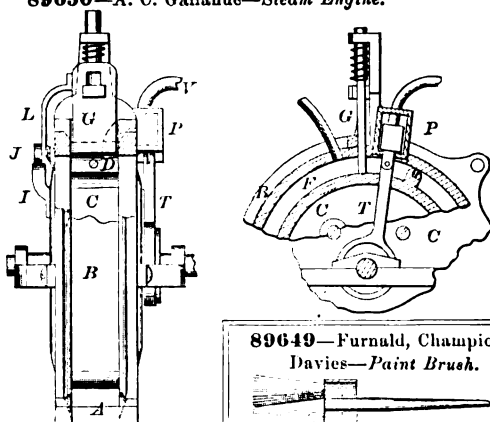
89647—E. J. Fraser—Uterine Supporter.





89648—T. Favel—For Treating Diseases.

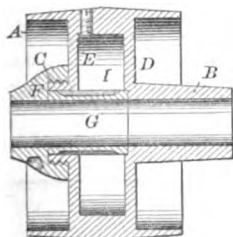
89650—A. C. Gallahue—Steam Engine.



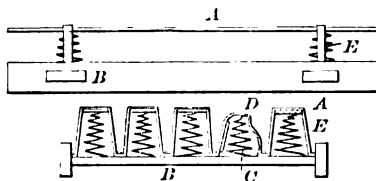
89649—Furnald, Champion & Davies—Paint Brush.



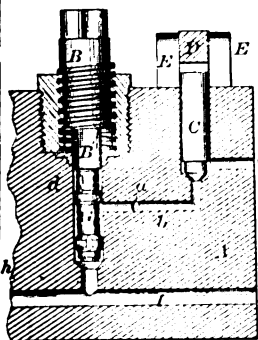
89652—Goodrich & Colburn—Pulley.



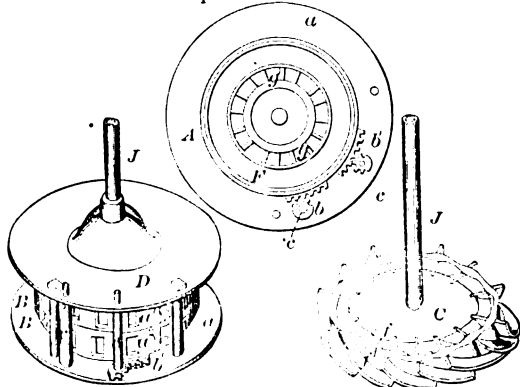
89651—G. L. Gerard—Bed Bottom.



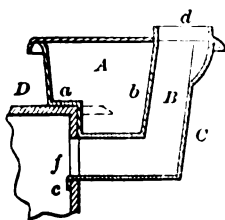
89656—T. Harbottle—Press.



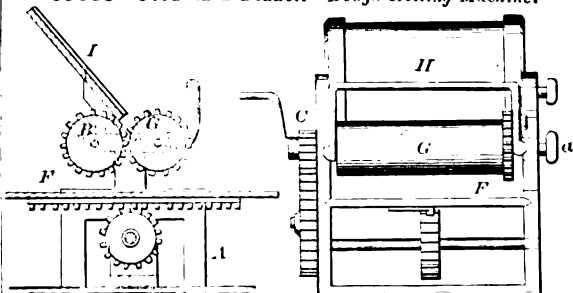
89657—W. Haslup—Water Wheel.



89655—R. Ham—Store.

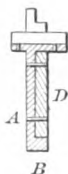
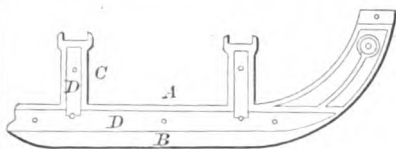


89653—Goodwin & Bennett—Dough Rolling Machine.

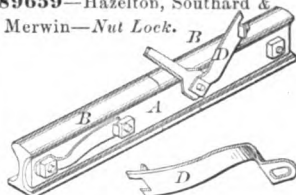




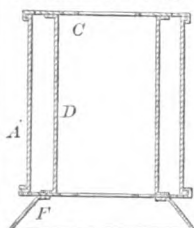
89658—G. W Hatch—*Sleigh Runner*.



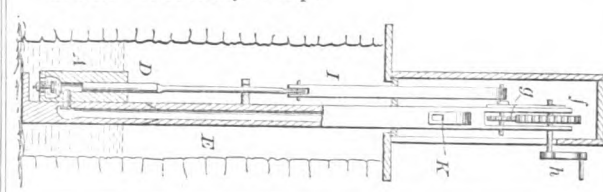
**89659**—Hazelton, Southard & Merwin—*Nut Lock*. 



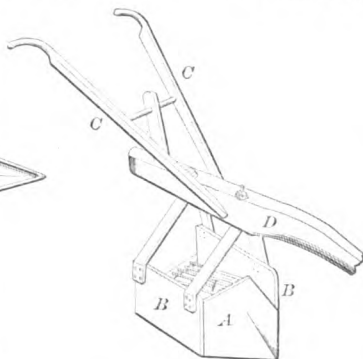
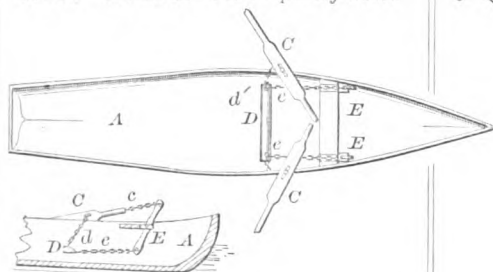
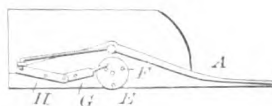
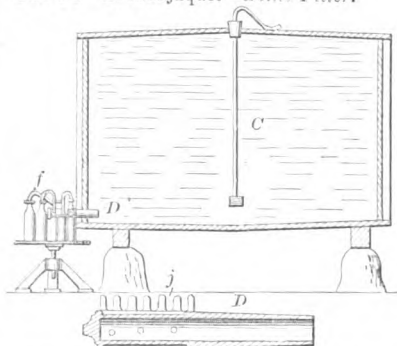
89660—G. W. Helt—



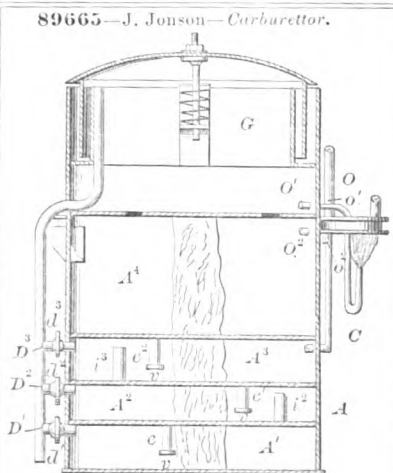
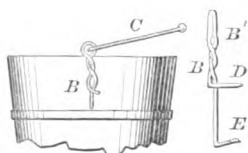
*Store Pipe Thimble.*

89662—D. P. Henry—*Pump.*

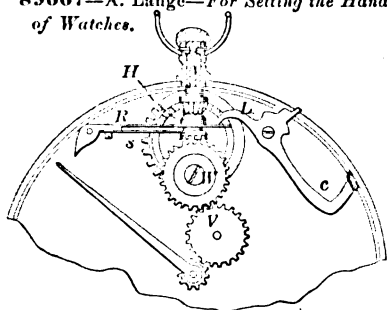
**89663**—J. Heroux—*For Propelling Boats.*

89661—T. N. Henderson—*Potato Digger*.89664—E. Jeanjaquet—*Bottle Filler*.

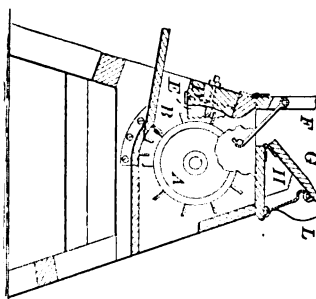
89666—J. G. Krichbaum—*Pail Ear.*

89665—J. Jonson—*Carburettor.*

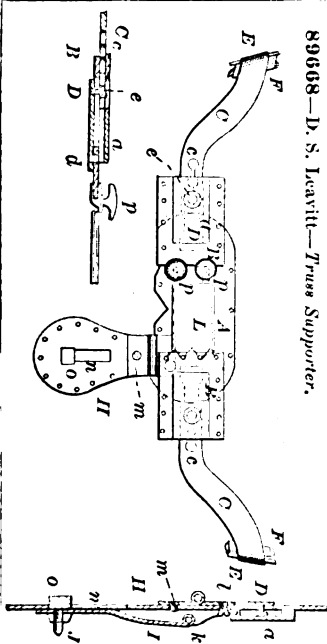
**89667**—A. Lange—*For Setting the Hands of Watches.*



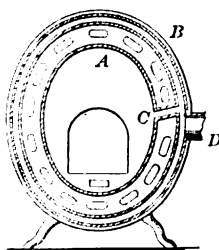
**89669**—G. W. Lee—*Feed Cutter for Threshing Machines.*



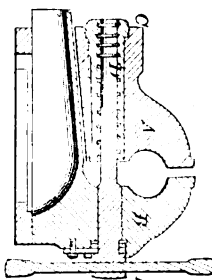
**89668**—D. S. Leavitt—*Truss Supporter.*



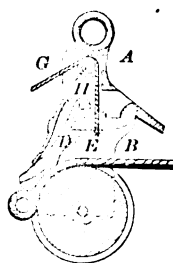
**89670**—M. Lehmer—*Stove.*



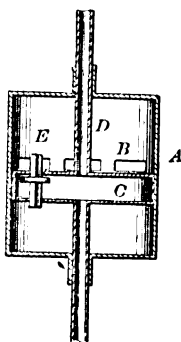
**89671**—J. H. Lewis—*File.*



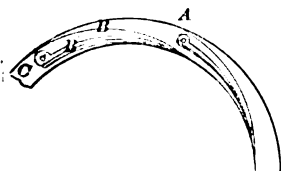
**89673**—O. E. Mabie—*For Elevating Hay.*



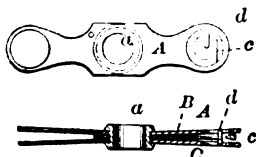
**89672**—J. H. Ludington—*Pump.*



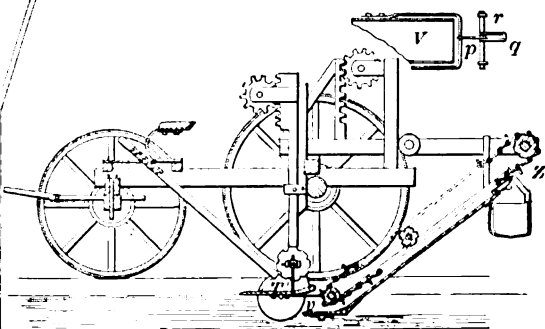
**89674**—T. W. Mahler—*Water Wheel Gate.*



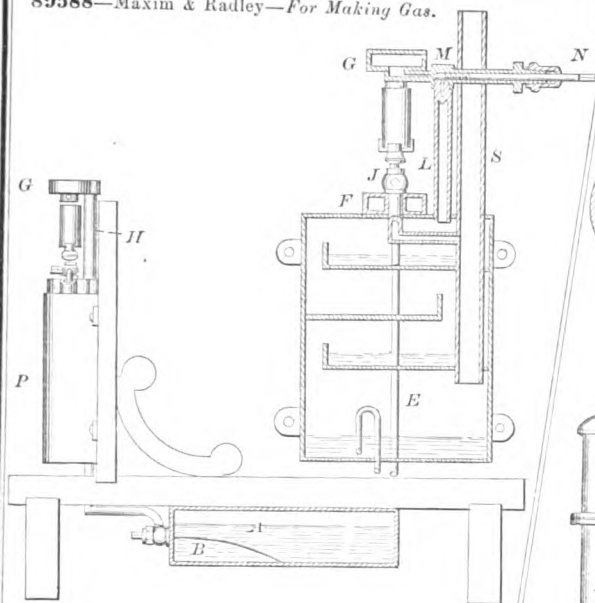
**89675**—W. H. Mautz—*Envelope Opener.*



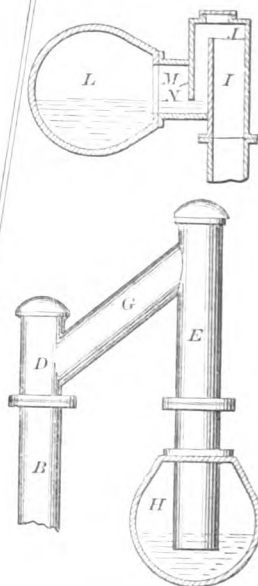
**89676**—W. D. McKinney—*Ditching Machine*



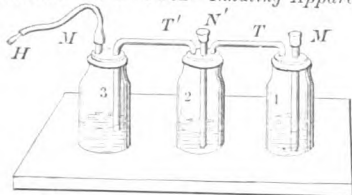
89588—Maxim &amp; Radley—For Making Gas.



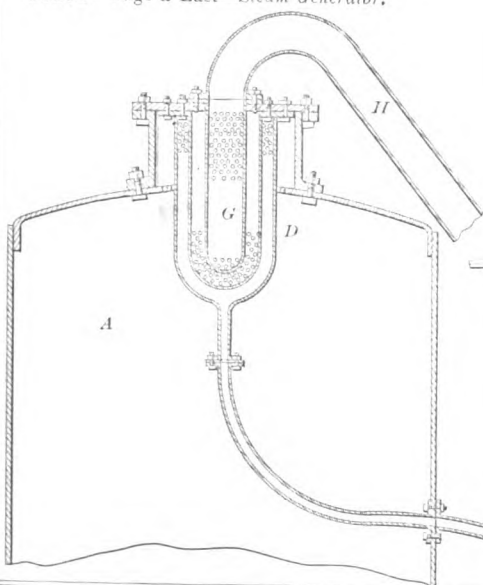
89592—P. Munzinger—Straddle Pipe.



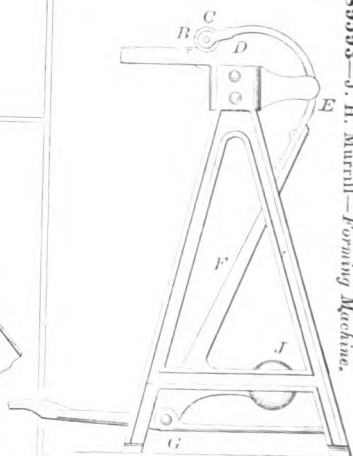
89594—E. W. Owen—Inhaling Apparatus.



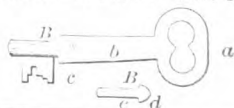
89595—Page &amp; East—Steam Generator.



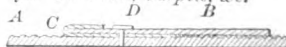
89593—J. H. Murrill—Forming Machine.



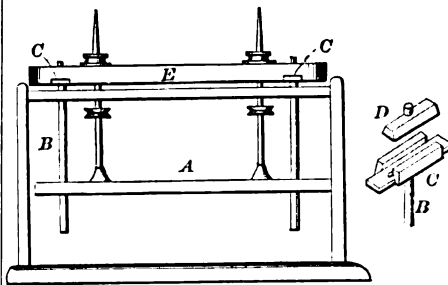
89596—E. Parker—Door Key.



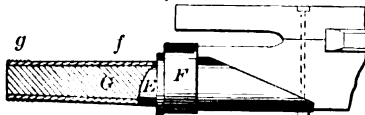
89599—J. Piper—Metal Binding for Oil Cloth, Carpets, &amp;c.



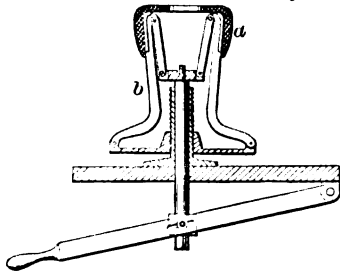
**89597**—S. B. Parmenter—*Spinning Frame.*



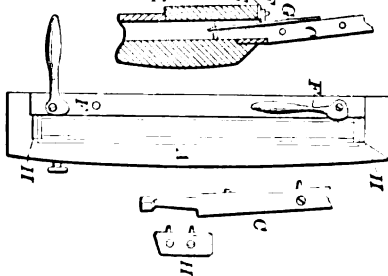
**89602**—G. Schreyer—*Artle Skein.*



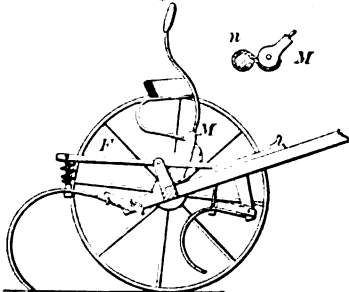
**89601**—J. Sheldon—*Hat Blocking Machine.*



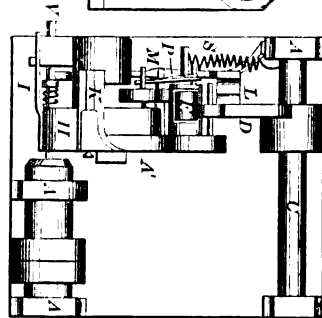
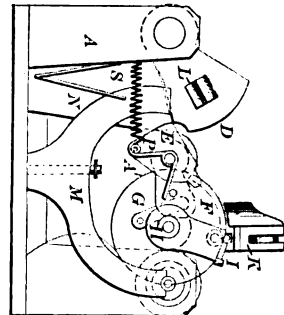
**89604**—W. Stewart—*Carriage Sash Fastener and Supporter.*



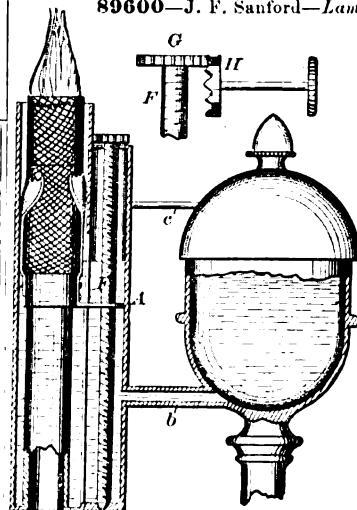
**89605**—S. Stoughton—*Horse Rake.*



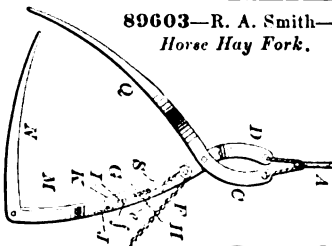
**89598**—E. S. Pierce—*For Conveying Screw Blanks.*

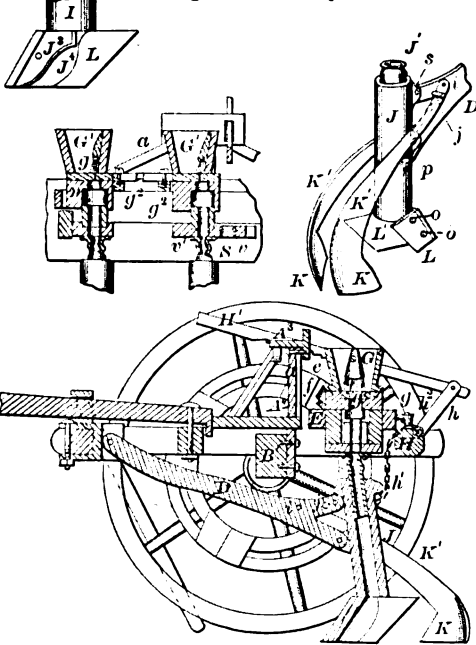
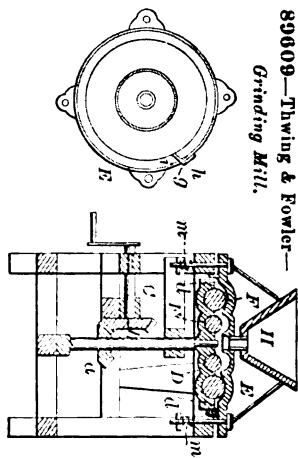
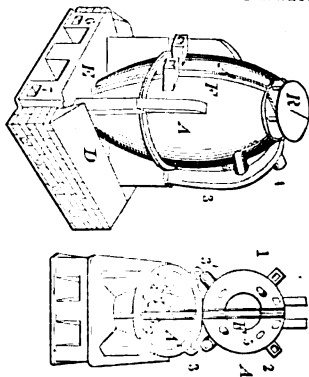
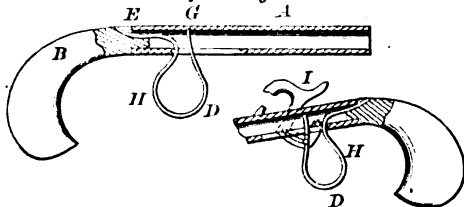
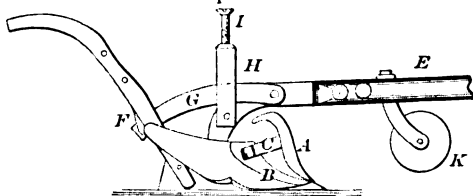
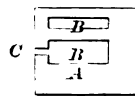
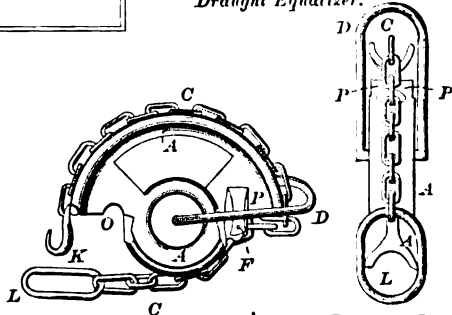
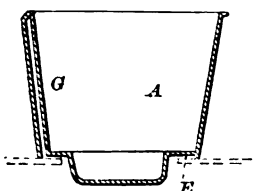


**89600**—J. F. Sanford—*Lamp.*

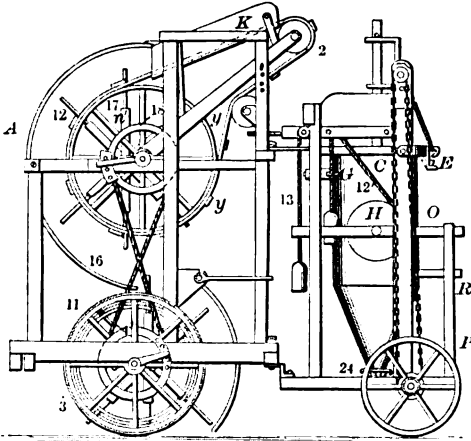


**89603**—R. A. Smith—*Horse Hay Fork.*

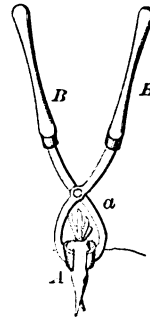


**89606—J. H. Stringfellow—Seeding Machine.****89609—Thwing & Fowler—Grinding Mill.****89610—W. D. Titus—Furnace.****89607—C. B. Thayer—Toy Gun.****89608—S. R. Thompson—Plow.****89612—J. S. Wallis—Cotton Bale Tie.****89614—S. H. Wheeler—Draught Equalizer.****89613—B. Wardwell—Culinary Apparatus.**

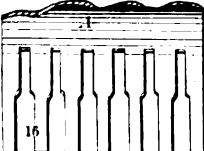
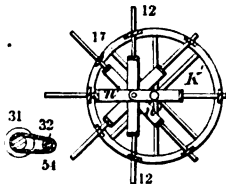
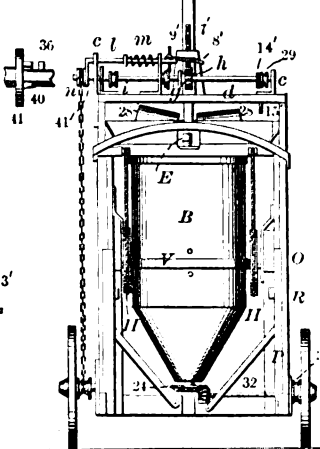
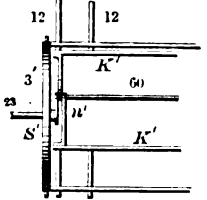
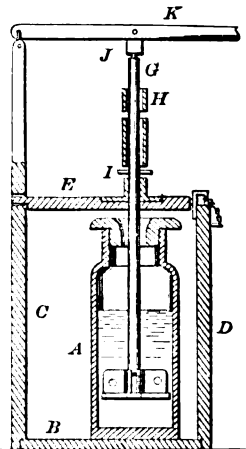
89611—J. Wadleigh—For Raking and Cocking Hay.



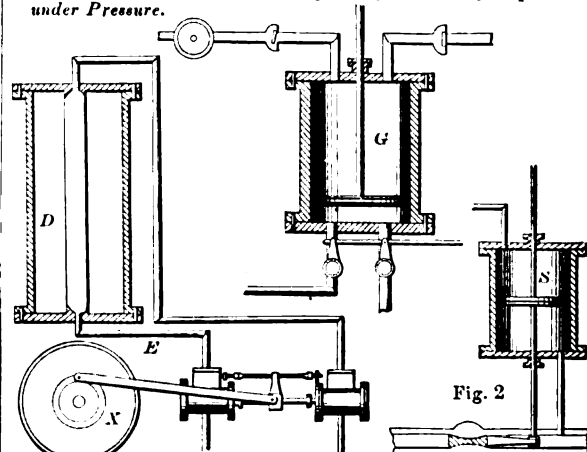
89615—B. Wright—Root Digger.



89616—S. S. Allen—Churn.



89617—J. S. Baldwin—For Regulating the Flow of Liquids under Pressure.

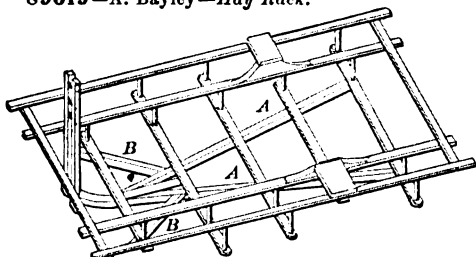


89618—Barber & Loomis—Needle Seter and Thread Pincers.

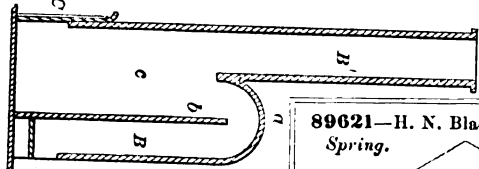


Fig. 2

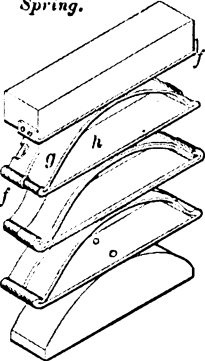
89619—A. Bayley—Hay Rack.



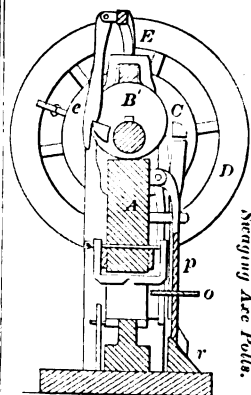
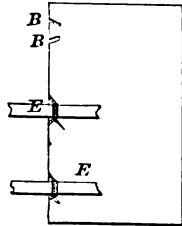
89620—A. G. Bevin—Furnace.



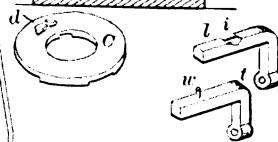
89621—H. N. Black—Spring.



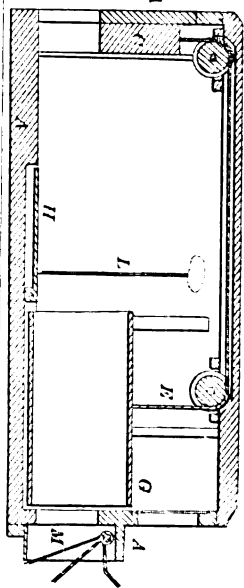
89622—W. I. Blackman—Book Binding.



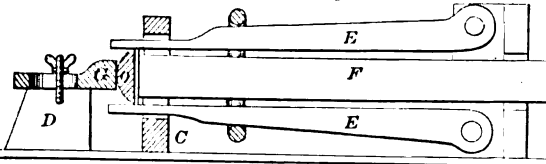
89623—Blake &amp; Carpenter—For Sewing Arc Polle.



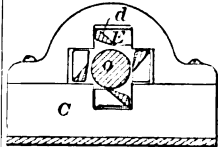
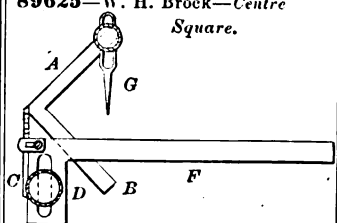
89626—E. Brown—Trap.



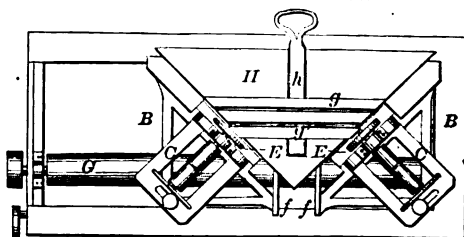
89624—J. E. Boyle—For Trimming Cue Leathers.



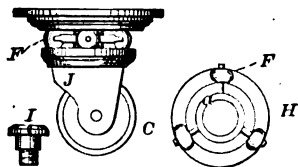
89625—W. H. Brock—Centre Square.



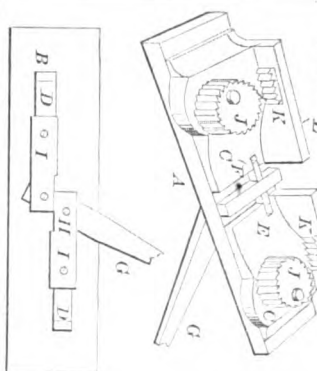
89627—J. H. Brown—Mitre Machine.



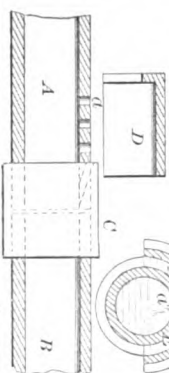
89628—M. S. Brownell—Caster.



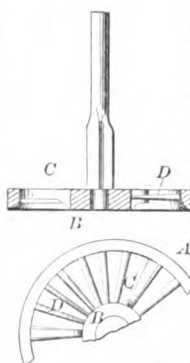
89631—Carter & Gibson—Upsetting Machine.



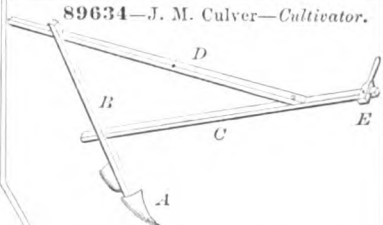
89630—S. Carlton—Drain Pipe.



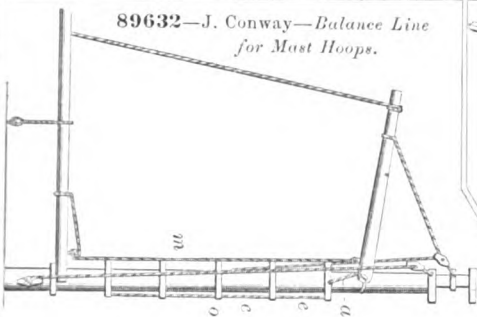
89629—J. M. Buchannan—Church Discher.



89634—J. M. Culver—Cultivator.



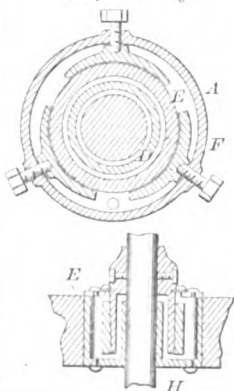
89632—J. Conway—Balance Line for Mast Hoops.



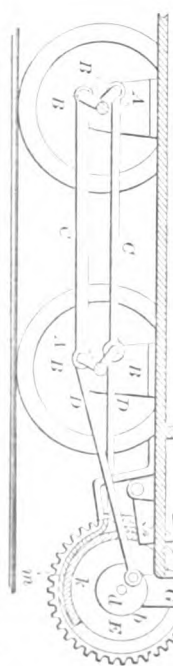
89633—P. Cullen—Boot Jack.



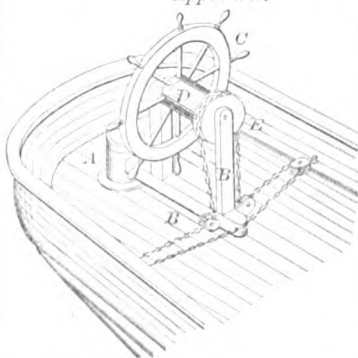
89637—E. A. Dayton—Shaft Bearing.



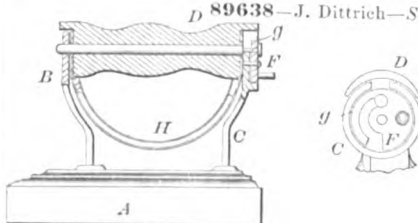
89636—Davis & Smith—Car Starter.



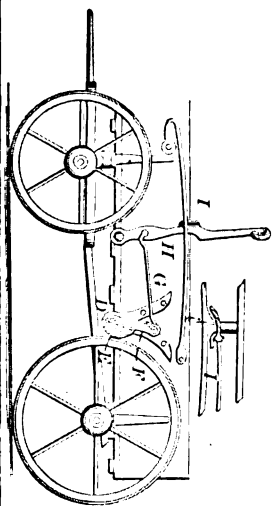
89635—G. H. Davis—Steering Apparatus.



89638—J. Dittrich—Sad Iron.

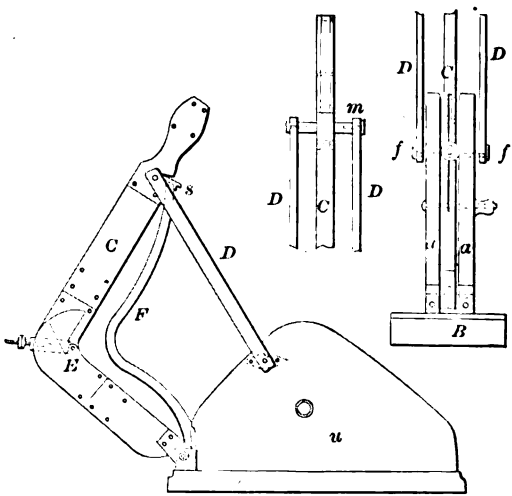




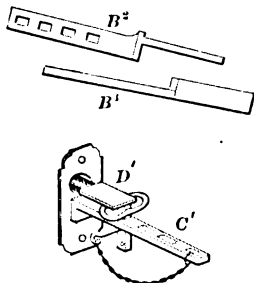


89639—G. B. Douglas—Wagon Brake.

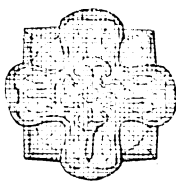
89640—W. R. Dunn—Boot Crimper.



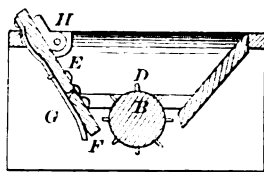
89641—R. S. Dunning—Key Fastener.



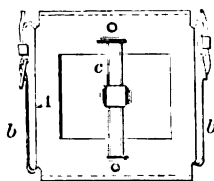
89642—F. J. Emery—Metal Ornaments.



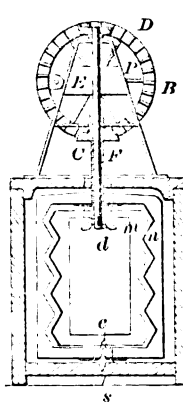
89643—Farnham &amp; Mosher—Fanning Mill.



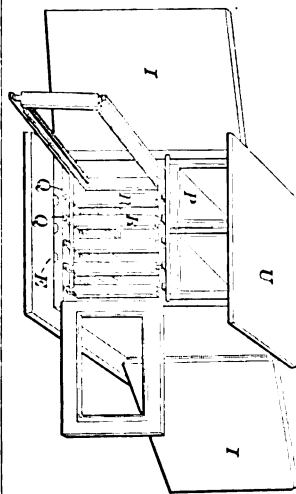
89646—C. J. Fisher—Neck Pad for Horses.



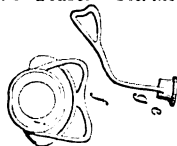
89345—J. E. Finley—Churn.

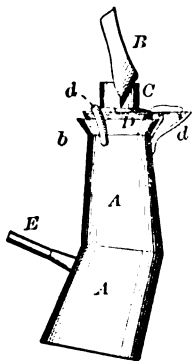


89644—J. E. Finley—Beehive



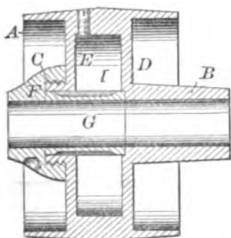
89647—E. J. Fraser—Uterine Supporter.



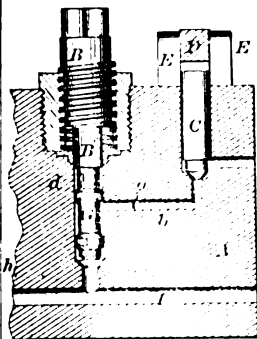


89648—T. Fravel—For Treating Diseases.

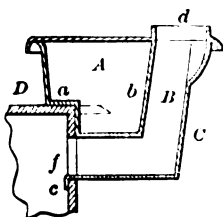
89652—Goodrich & Colburn—Pulley.



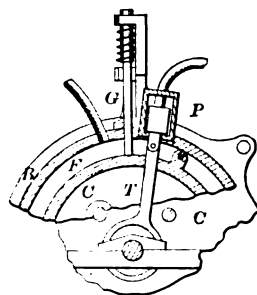
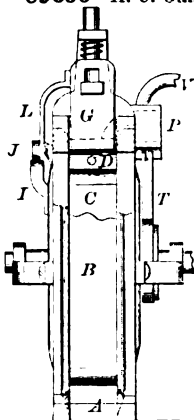
89656—T. Harbottle—Press.



89655—R. Ham—Store.

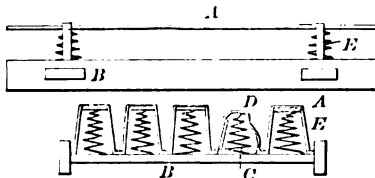


89650—A. C. Gallahue—Steam Engine.

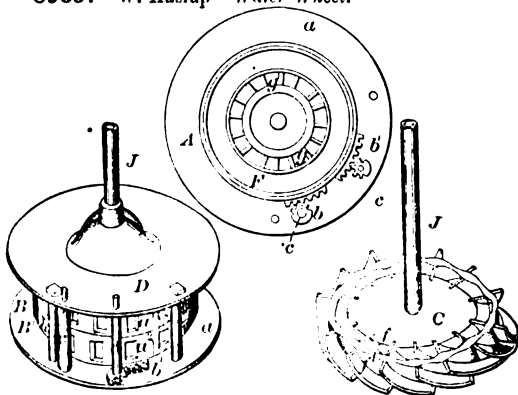


89649—Furnald, Champion & Davies—Paint Brush.

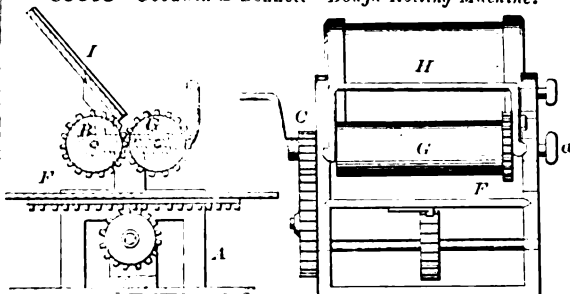
89651—G. L. Gerard—Bed Bottom.

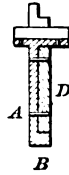
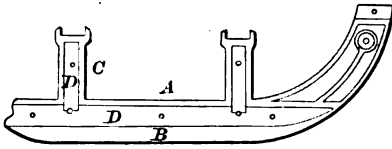
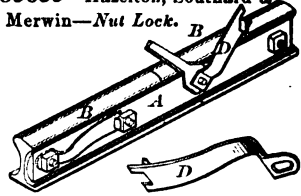
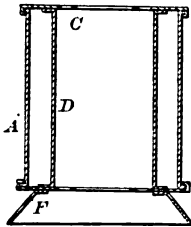
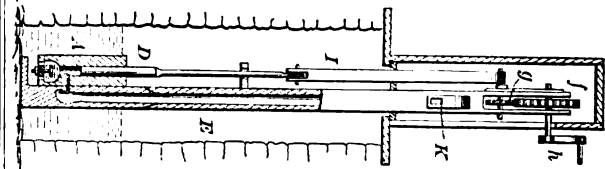
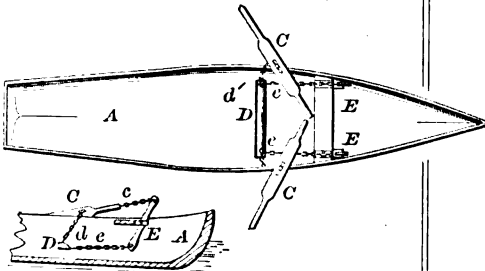
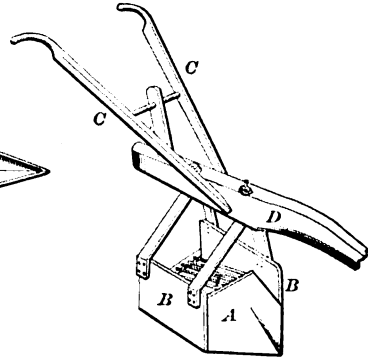
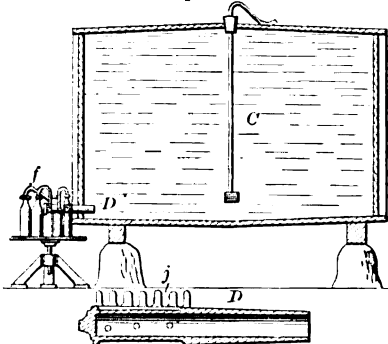
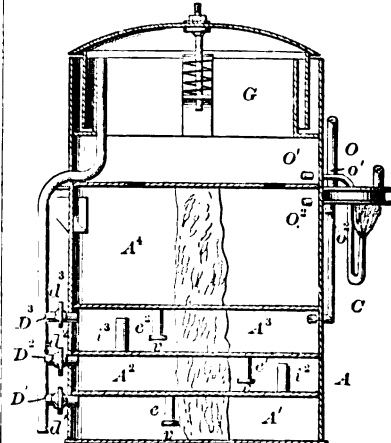
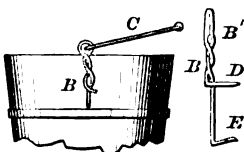


89657—W. Haslup—Water Wheel.

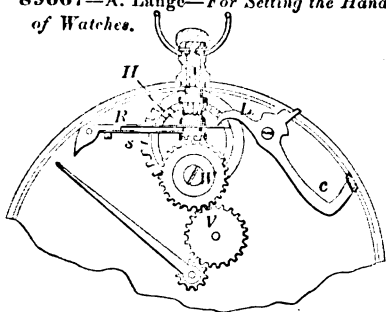


89653—Goodwin & Bennett—Dough Rolling Machine.

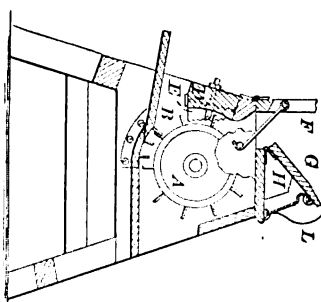


**89658**—G. W. Hatch—*Sleigh Runner.***89659**—Hazelton, Southard & Merwin—*Nut Lock.***89660**—G. W. Helt—*Store Pipe Thimble.***89662**—D. P. Henry—*Pump.***89663**—J. Heroux—*For Propelling Boats.***89661**—T. N. Henderson—*Potato Digger.***89664**—E. Jeanjaquet—*Bottle Filler.***89665**—J. Jonson—*Carburettor.***89666**—J. G. Krichbaum—*Pail Ear.*

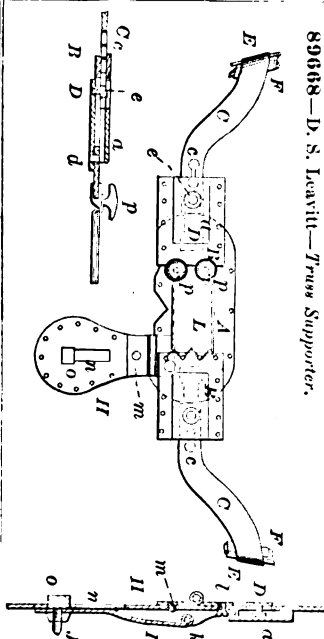
**89667—A. Lange—For Setting the Hands of Watches.**



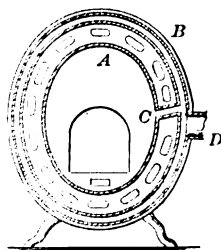
**89669—G. W. Lee—Feed Cutter for Threshing Machines.**



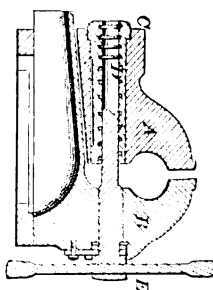
**89668—D. S. Leavitt—Truss Supporter.**



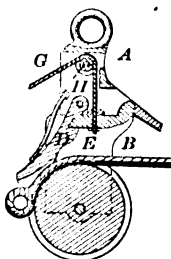
**89670—M. Lehmer—Stove.**



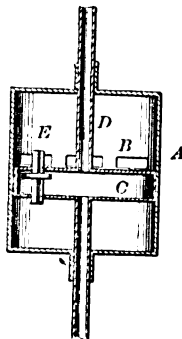
**89671—J. H. Lewis—Press.**



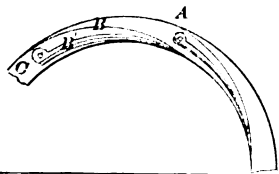
**89673—O. E. Mabie—For Elevating Hay.**



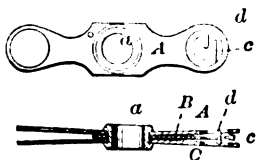
**89672—J. H. Luddington—Pump.**



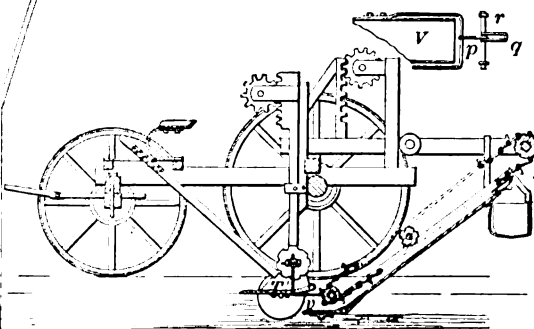
**89674—T. W. Mahler—Water Wheel Gate.**



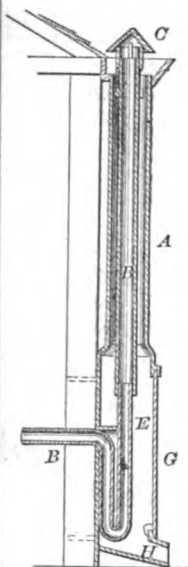
**89675—W. H. Mantz—Envelope Opener.**



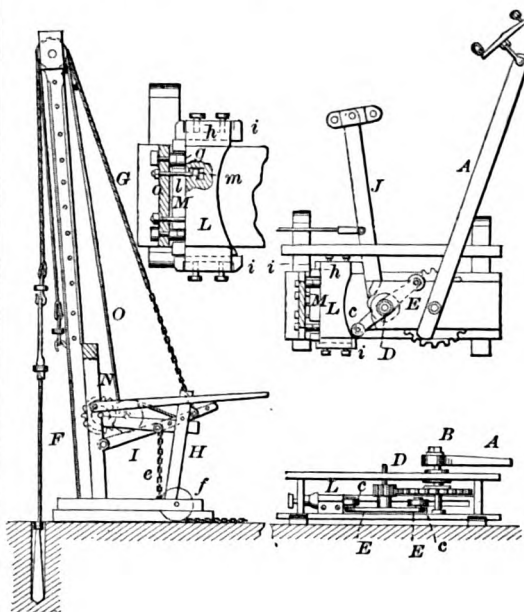
**89676—W. D. McKinney—Ditching Machine**



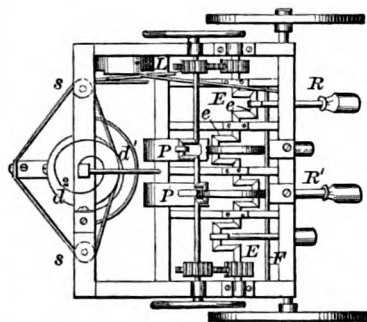
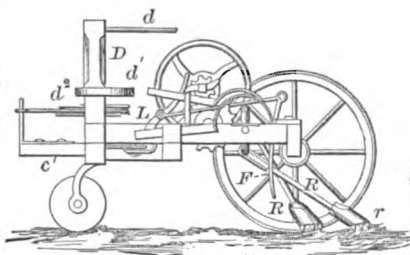
**89677**—J. F. McNee—*Rain Lead.*



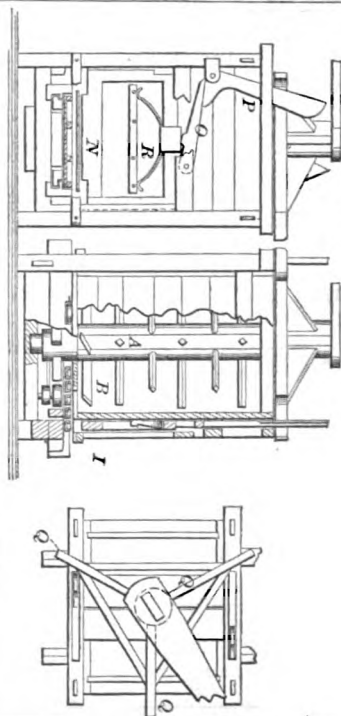
**89678**—C. L. Merrill—*Horse Power.*



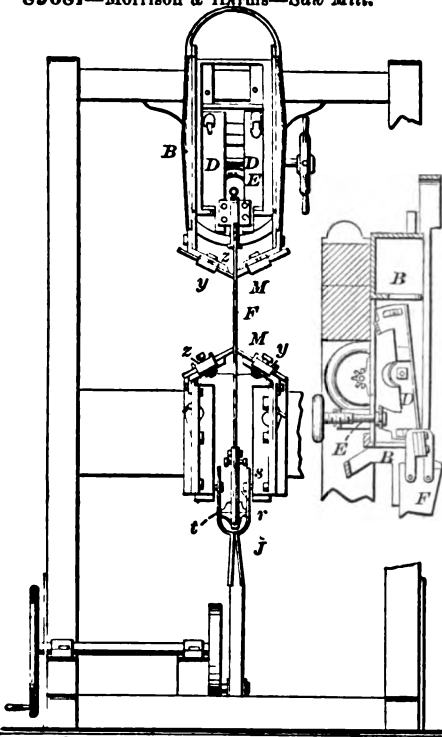
**89679**—H. T. Metzgar—*Velocipede.*




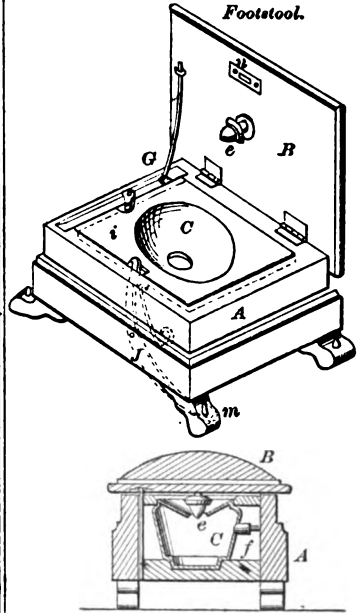
**89680**—A. Morgan—*Brick Machine.*



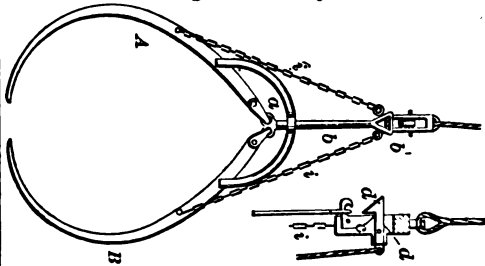
**89681—Morrison & Harms—Saw Mill.**



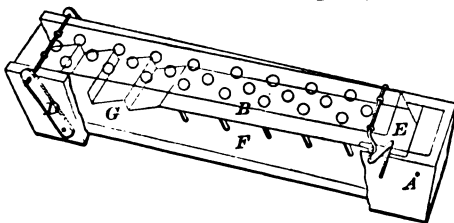
89682—J. N. Morrison—*Spittoon*  
 *Footstool.*



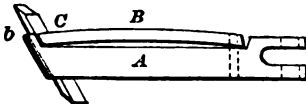
**89683**—S. T. Nigh—*Horse Hay Fork.*



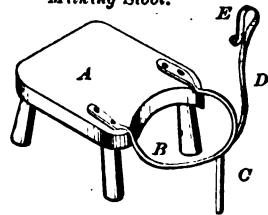
**89685—L. E. Ransom—For Tempering Clay.**



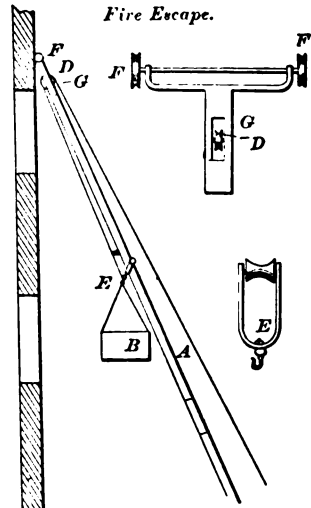
**89688—H. D. Richardson—*Tool Holder.***



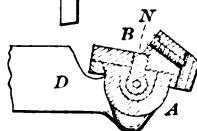
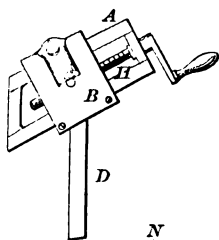
**89684—Pollock & Trickey—**  
*Milking Stool.*



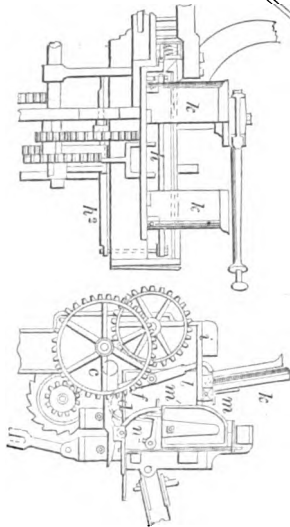
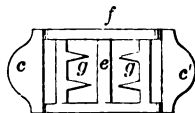
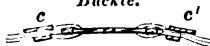
89686—E. P. Richardson—  
*Fire Escape.*



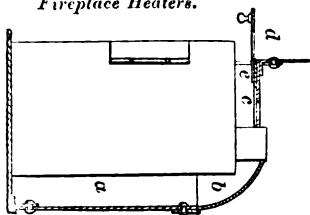
**89687**—H. D. Richardson—*Tool for Turning Centres.*



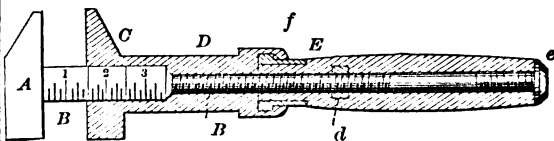
**89689**—F. C. Richer—*Buckle.*



**89693**—W. Sanford—*Jacket for Fireplace Heaters.*



**89690**—F. C. Richer—*Wrench.*



**89691**—A. Rosewater—*Switch.*

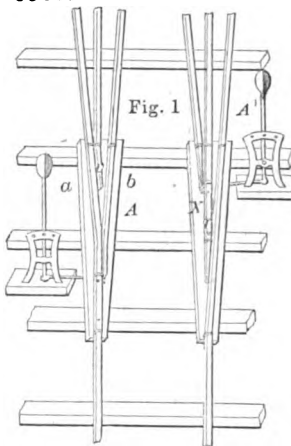


Fig. 2

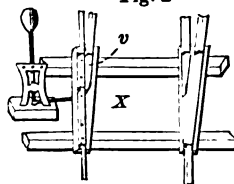


Fig. 3

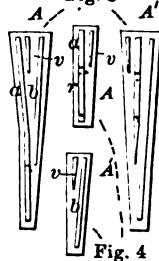
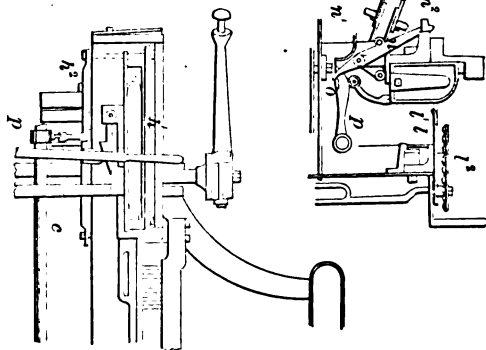
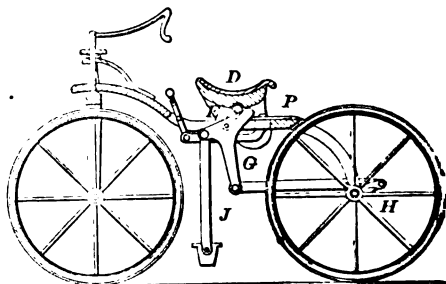


Fig. 4

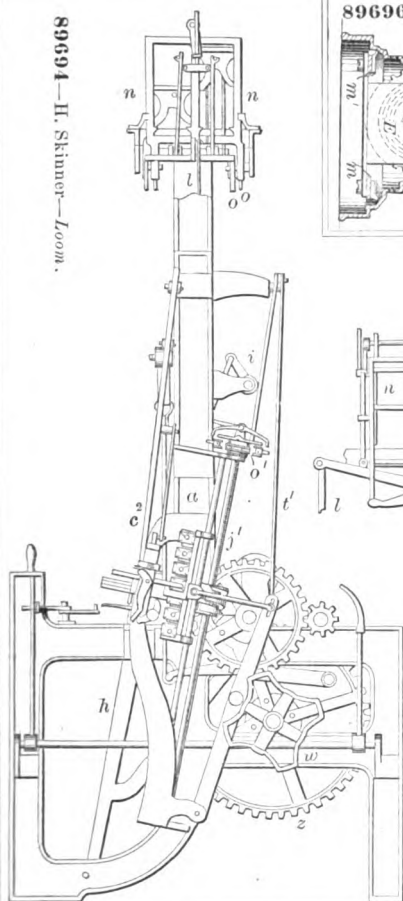
**89692**—W. Rosseter—*Loom.*



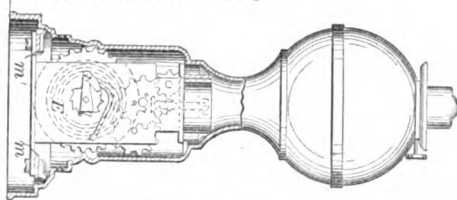
**89695**—J. C. Smith—*Velocipede.*



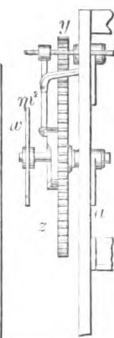
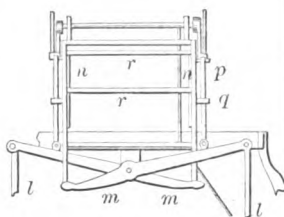
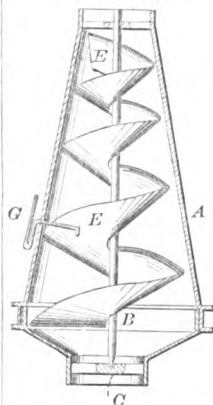
89694—H. Skinner—Loom.



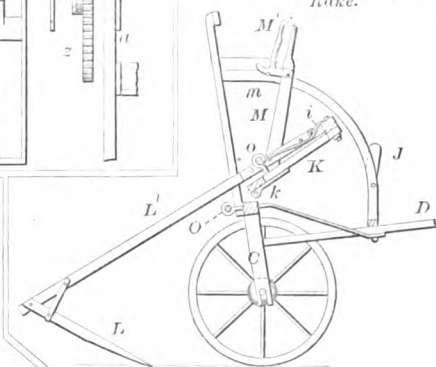
89696—S. P. Smith—Lamp.



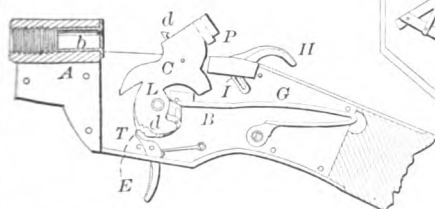
89698—F. Städter—Stove Drum.



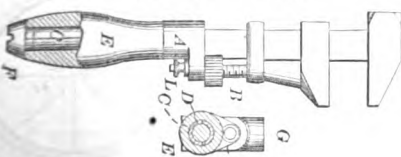
89697—S. P. Smith—Horse Rake.



89699—A. C. Stevens—Fire Arm.



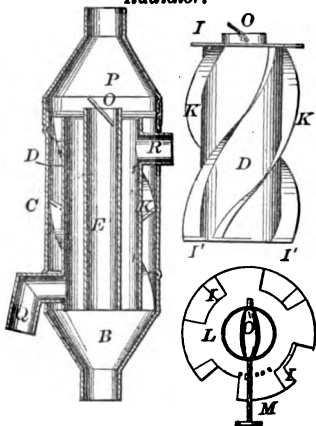
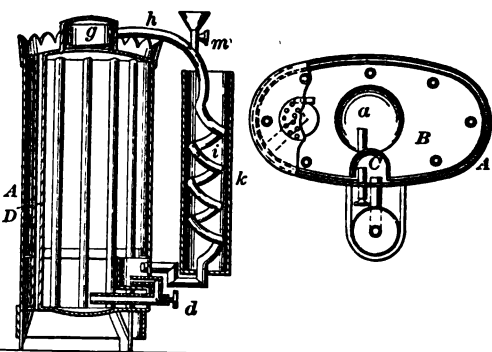
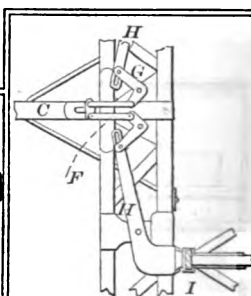
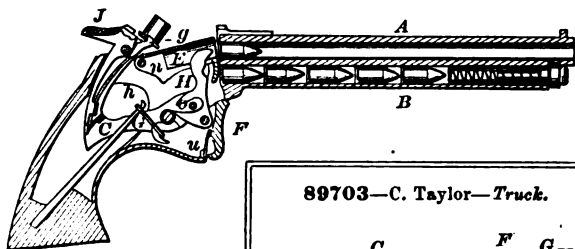
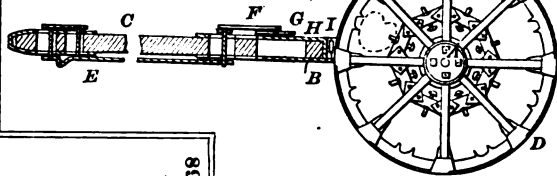
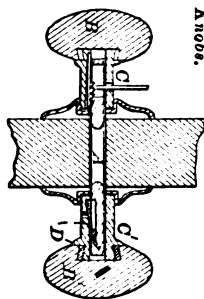
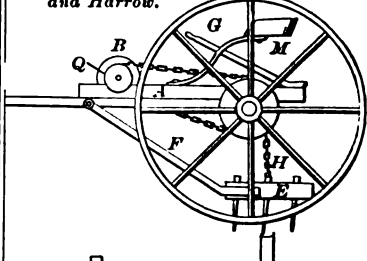
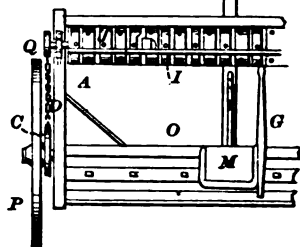
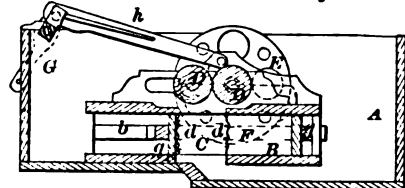
89702—G. C. Taft—Wrench.



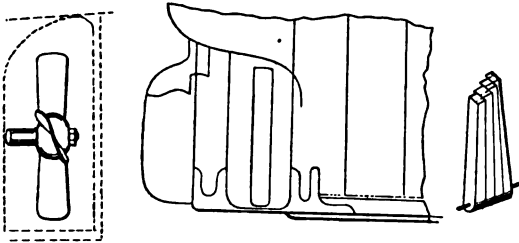
89700—Sturdy & Young—Velocipede.



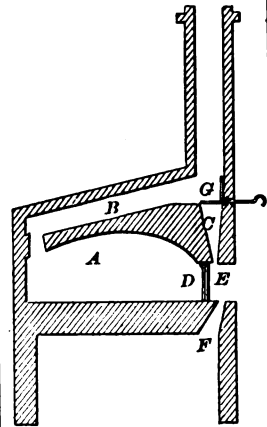


**89701—D. F. Sweet—Heat Radiator.****89706—J. B. Terry—Steam Heating.****89705—L. Z. Terrill—Fire Arm.****89703—C. Taylor—Truck.****89707—G. W. Tucker—Lamp Shade.****89708—H. B. Tuthill—Attaching Knobs.****89710—M. Vandusen—Seed Sower and Harrow.****89711—J. D. Van Dusen—Washing Machine.**

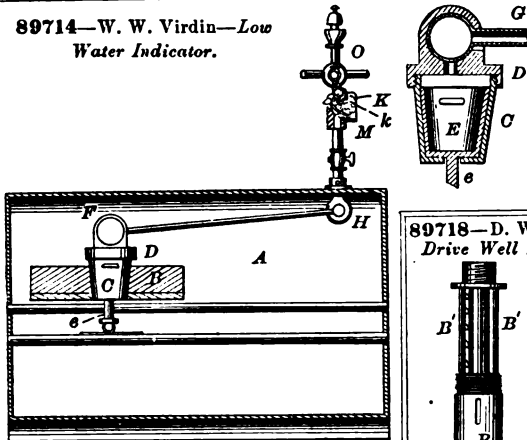
89712—H. Vansittart—Screw Propeller.



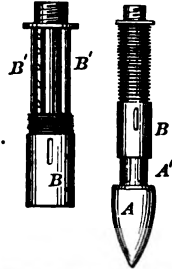
89713—J. Vatter—Oven.



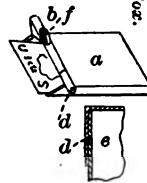
89714—W. W. Virdin—Low Water Indicator.



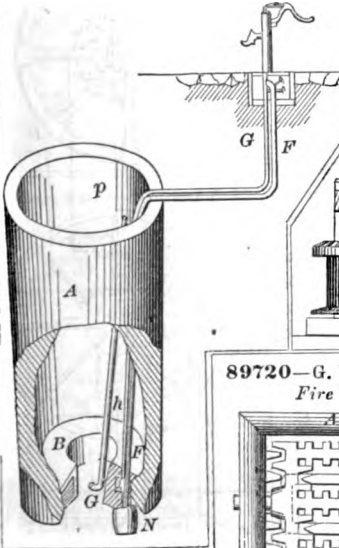
89718—D. Weaver—Drive Well Point.



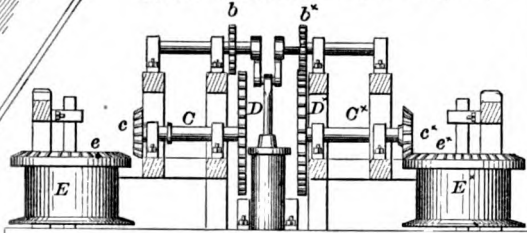
89719—H. J. Wickham—Match Box.



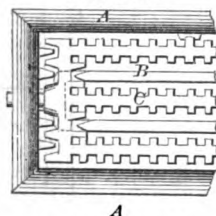
89716—J. J. Walker—Cistern.



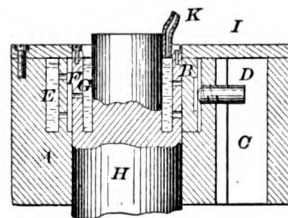
89717—P. M. Warren—Steam Engine.

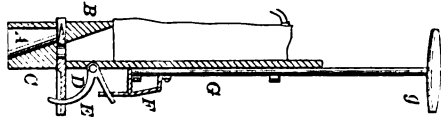
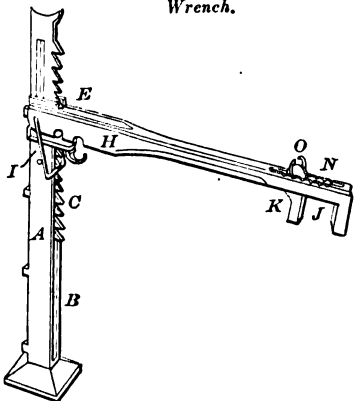
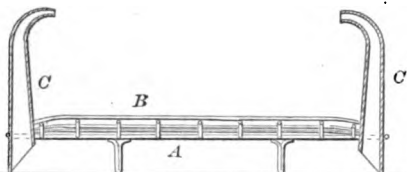
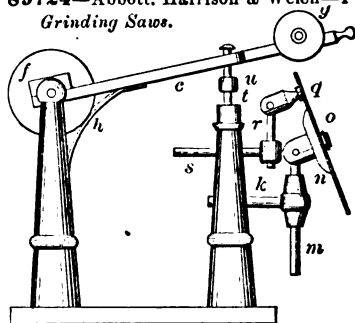
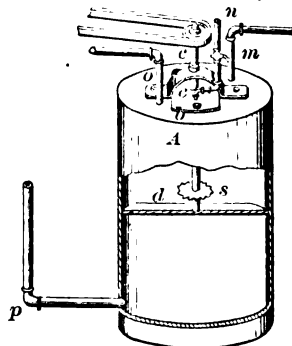
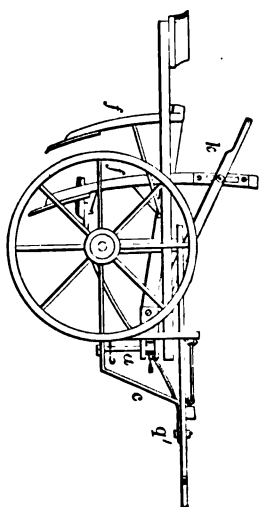
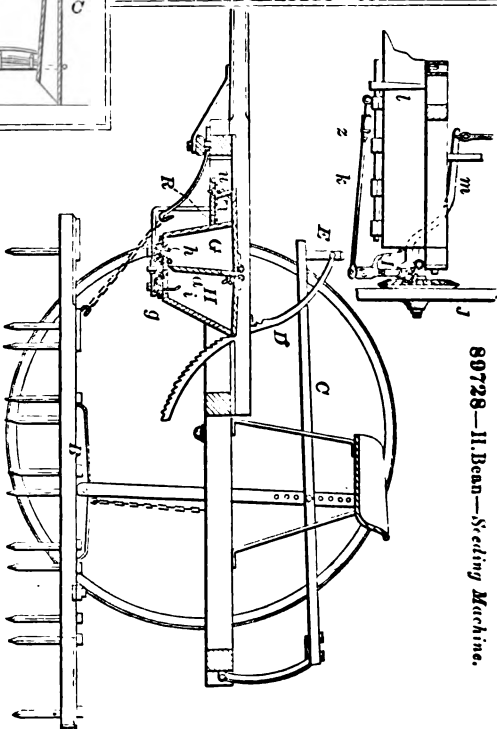


89720—G. Williamson—Fire Grate.

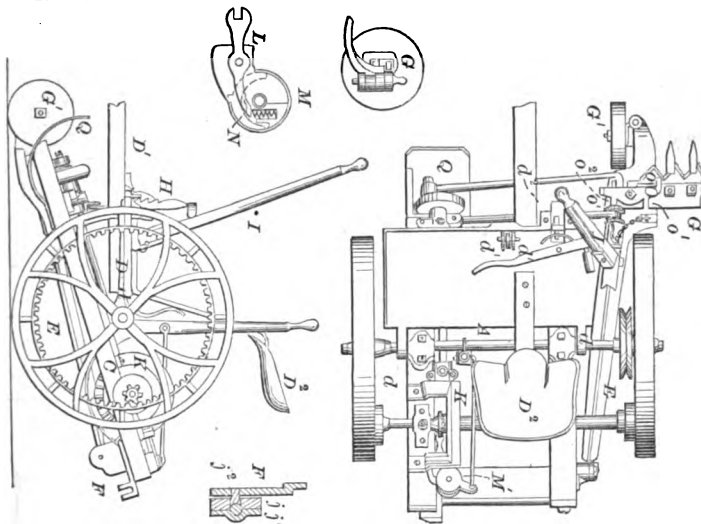


89721—J. Williams—Mill Bush and Spindle.

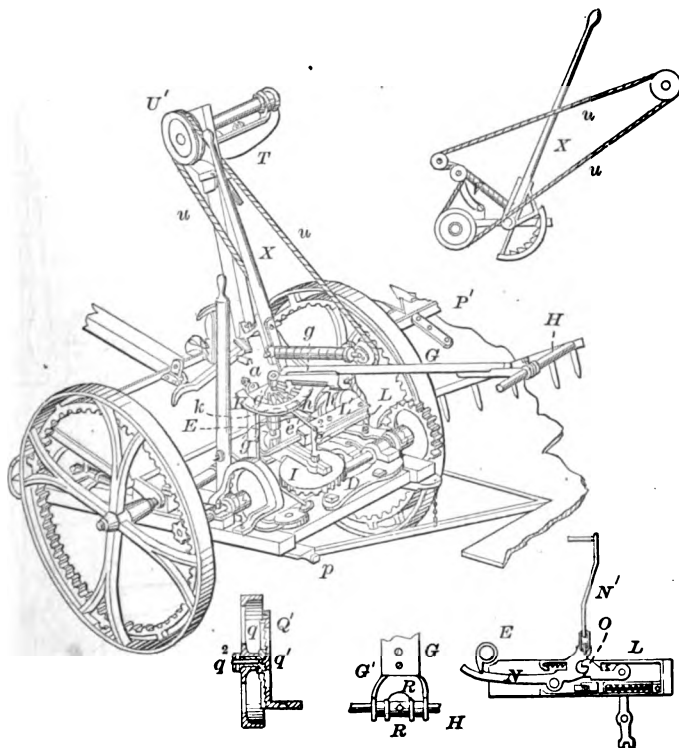


**89722**—A. J. Williams—*Pea Dropper.***89723**—R. A. York—*Lifting Jack and Wrench.***89726**—C. R. Arnold—*Wash Boiler.***89724**—Abbott, Harrison & Welch—*For Grinding Saws.***89725**—T. Barfield—*For Preventing Incrustation in Boilers.***89729**—Bell & Bronson—*Corn Cultivator.***89728**—H. Bean—*Steepling Machine.*

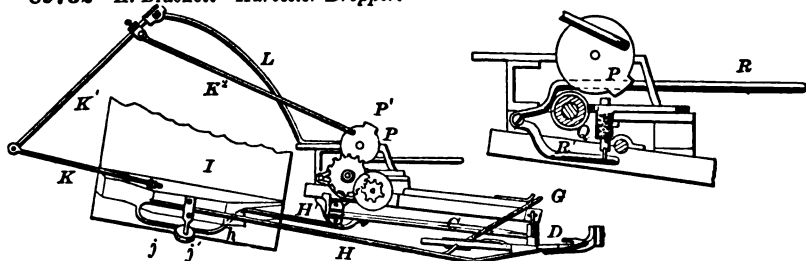
**89730—H. Brackett—*Harvester.***



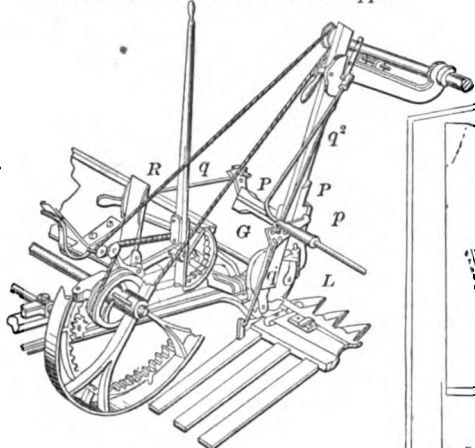
**89731**—H. Brackett—*Harvester Rake.*



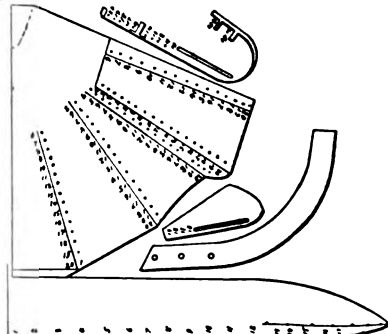
89732—H. Brackett—Harvester Dropper.



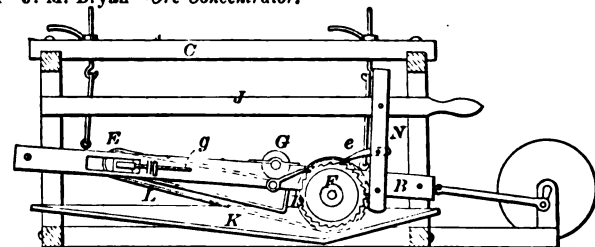
89733—H. Brackett—Harvester Dropper.



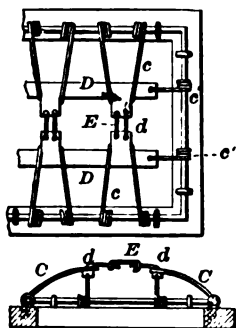
89735—H. M. Burrows—For Patterns and Measuring for Ladies' Dresses.



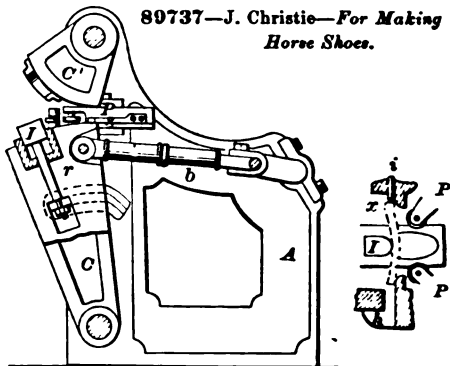
89734—J. M. Bryan—Ore Concentrator.



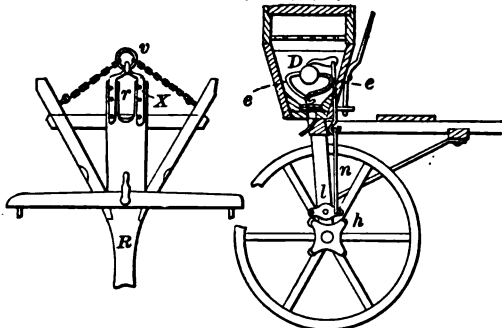
89736—W. Carr—Spring Seat.



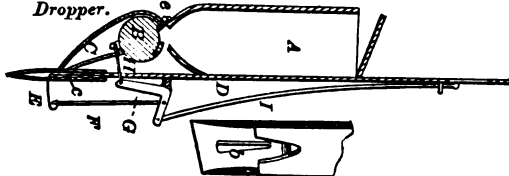
89737—J. Christie—For Making Horse Shoes.



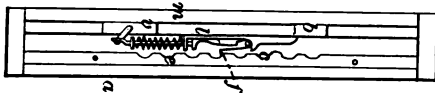
89739—G. H. Crocker—Seed Sower.



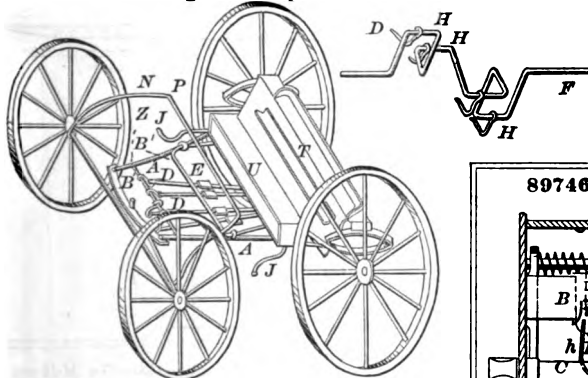
89742—Doddridge, Reitenour & Swhier—Corn Dropper.



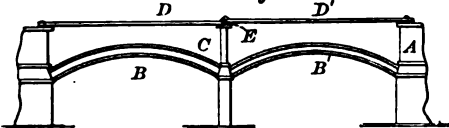
89741—A. Davis—Sash Holder.



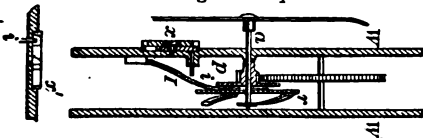
89744—L. E. Dugas—Velocipede.



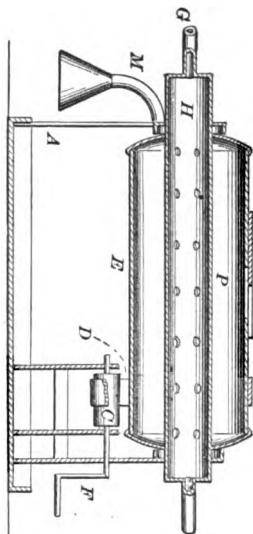
89745—J. B. Eads—Bridge.



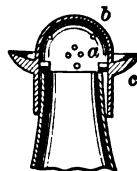
89747—H. R. Ekegrén—Stop Watch.



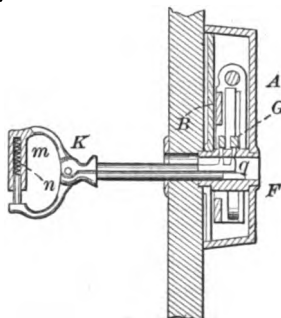
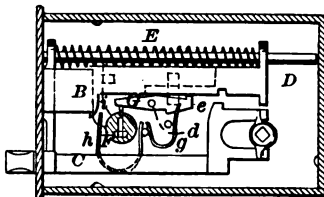
89740—J. Cyster—Feather Renovator.



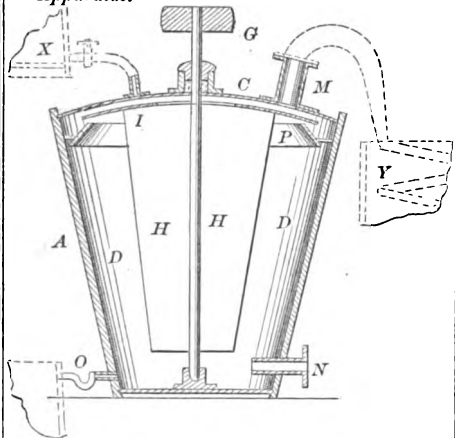
89743—J. G. Dreyfus—Lamp Chimney Cap.



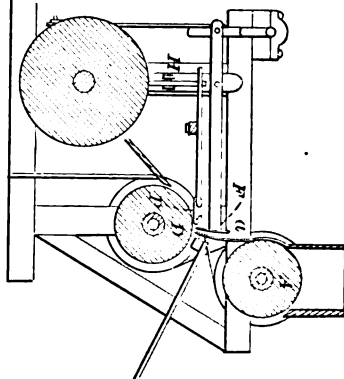
89746—J. Ebling—Lock.



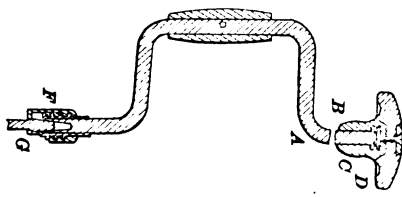
**89749—C. L. Fleischmann—Distilling Apparatus.**



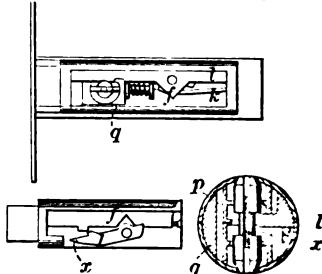
**89751—C. L. Fleischmann—Cotton Gin.**



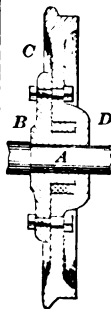
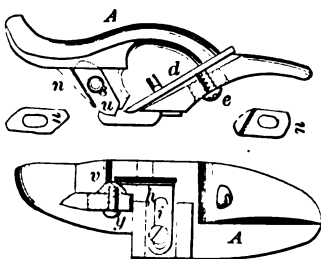
**89755—D. P. Foster—Bit Stock.**



**89753—M. B. Foote—Lock.**

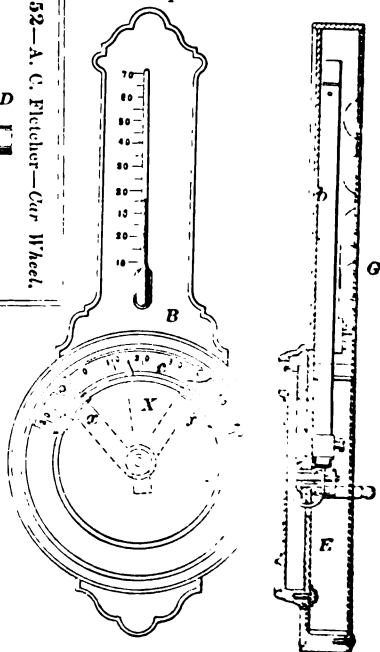


**89754—P. S. Foster—Edge-Plane for Boots and Shoes.**

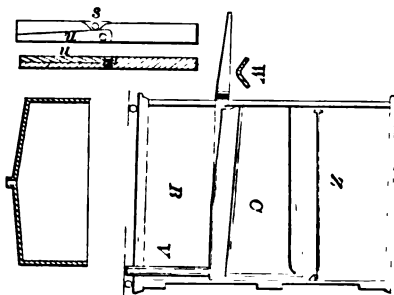


**89752—A. C. Fletcher—Car Wheel.**

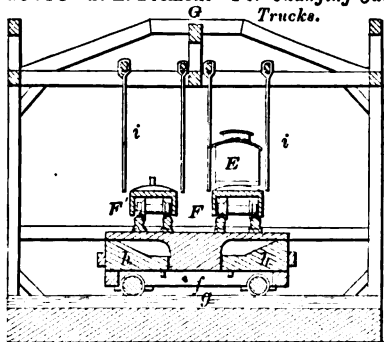
**89757—Fournier & Lemaire—Temperature Alarm.**



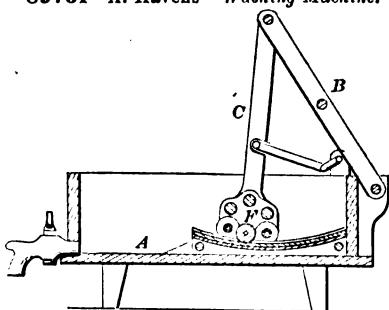
**89756—G. A. Fountain—Refrigerator.**



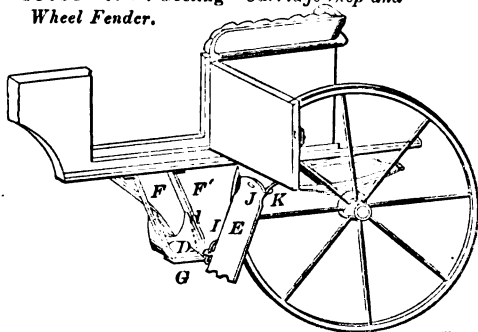
**89758—S. L. Fremont—For Changing Car Trucks.**



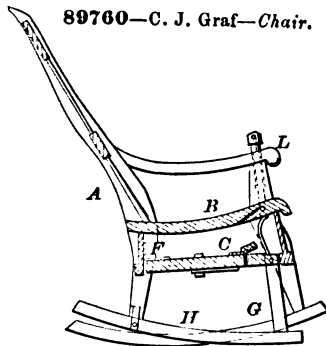
**89761—A. Havens—Washing Machine.**



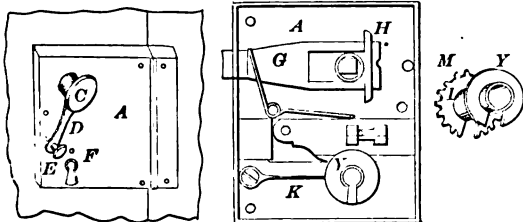
**89759—J. W. Gosling—Carriage Step and Wheel Fender.**



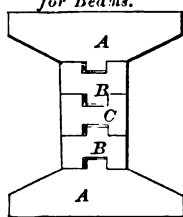
**89760—C. J. Graf—Chair.**



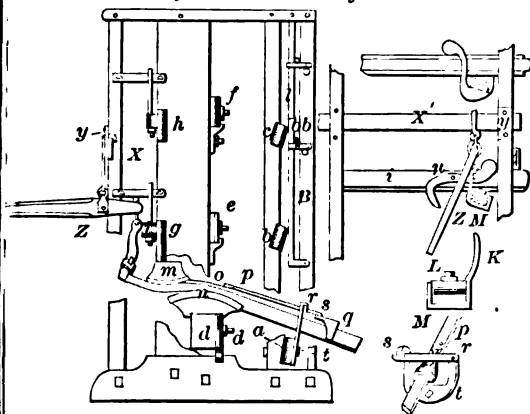
**89762—E. Herbst—Alarm Lock.**



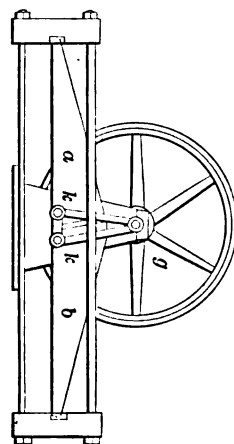
**89763—C. Hewitt—Pile  
for Beams.**



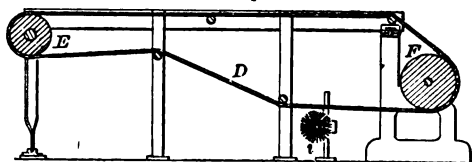
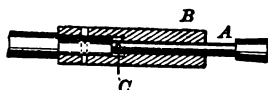
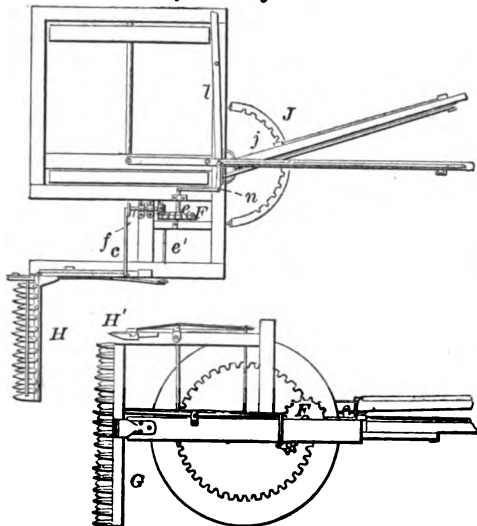
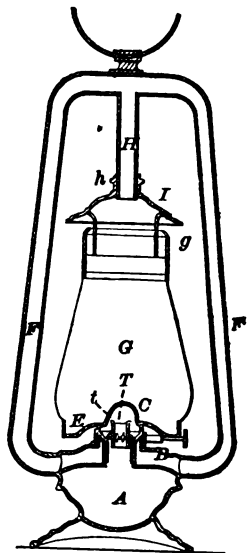
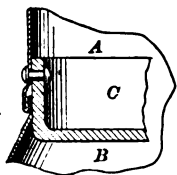
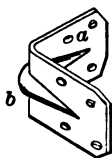
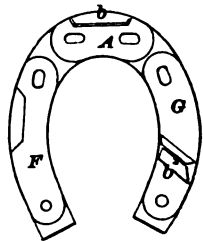
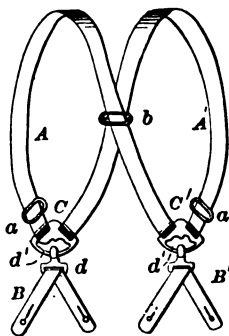
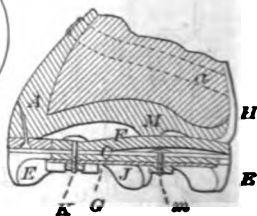
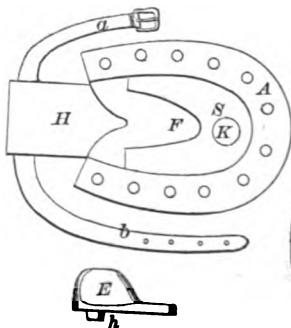
**89764—W. Heylman—For Bending Plow Handles.**



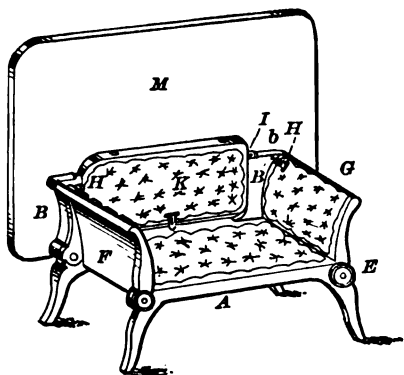
89765—A. Hitchcock—*Rock Breaker*.



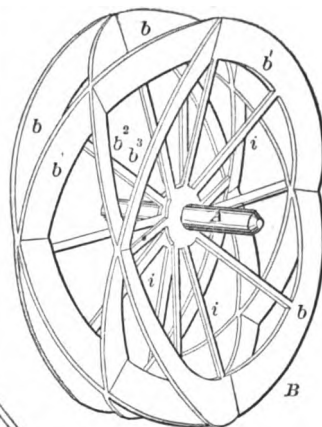


89766—C. Hofmann—*Paper Machine.*89767—D. B. Hunt—*Car Axle.*89769—S. T. Hyde—*Hedge Trimmer.*89770—J. H. Irwin—*Lantern.*89771—J. W. Jarboe—*Coal Scuttle.*89773—W. S. Jessup—*Trunk Clamp.*89774—J. Johnson—*Horse Shoe.*89772—E. Jennings, Jr.—*Suspenders.*89775—J. Johnson—*Horse Shoe.*

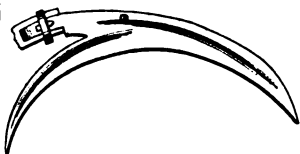
89776—W. B. Jones—Sofa, Lounge and Table.



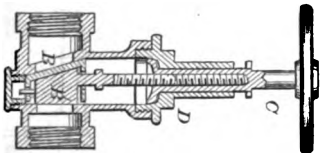
89777—A. C. Loud—Propeller.



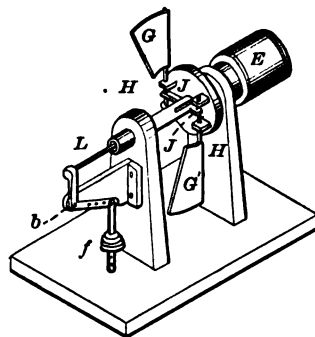
89778—W. Lowden—Scythe



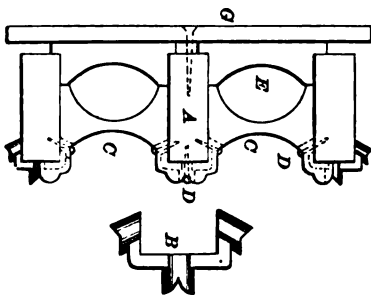
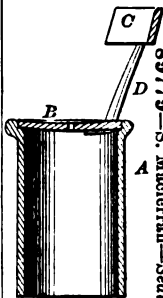
89781—B. G. Martin—Stop Valve



89780—J. A. Marden—Governor.

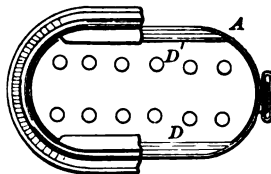


89779—S. Macfarlan—Seat.

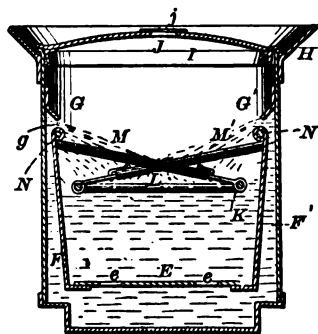
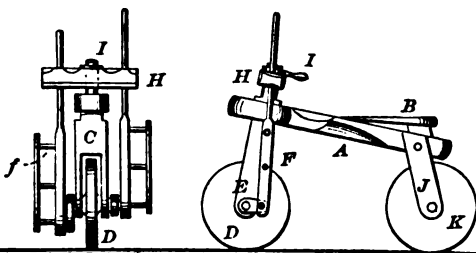


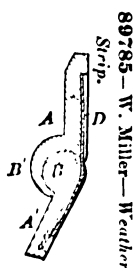
89782—E. May—Fireproof Building.

89784—F. W. Miller—Wash Boiler.

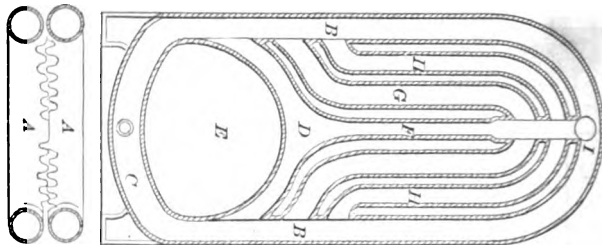


89783—S. T. McDougall—Velocipede.

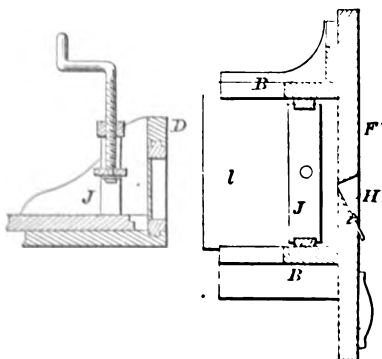




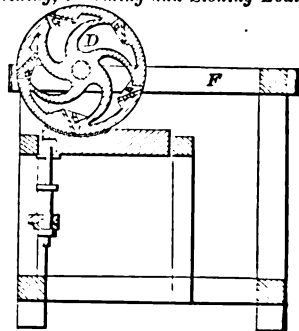
89786—J. H. Mills—Steam Generator.



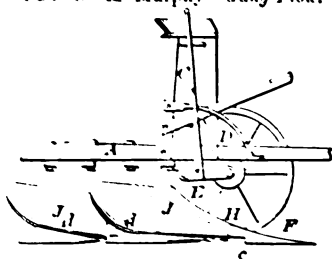
89787—Mundy &amp; Hoffman—Meat Cutter.



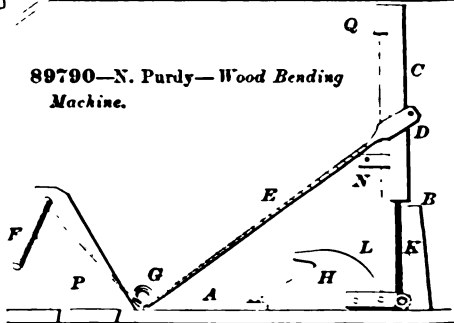
89789—A. W. Pratt—For Buffing, Whitening, Polishing and Stoning Leather.



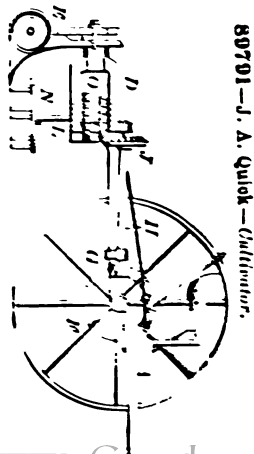
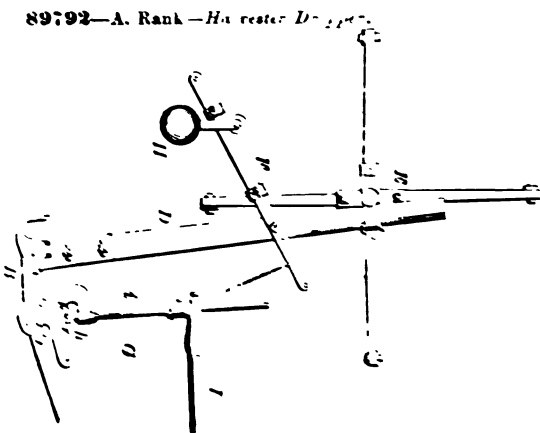
89788—M. Murphy—Gang Plow.



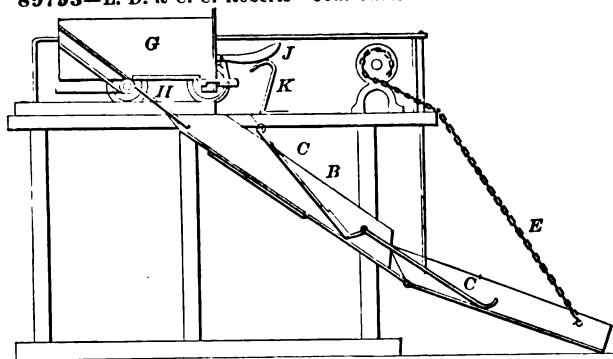
89790—N. Purdy—Wood Bending Machine.



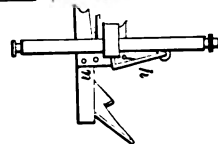
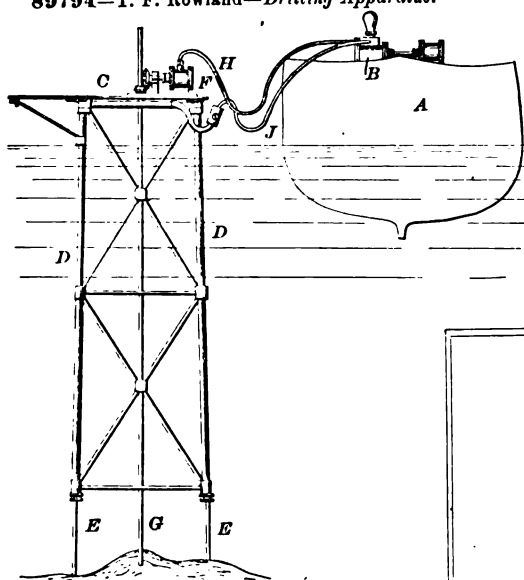
89792—A. Rank—Harvester Dr.



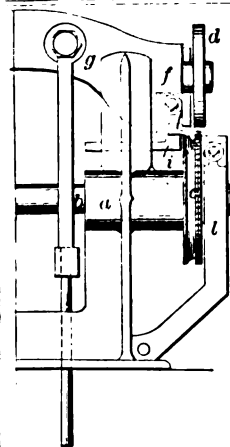
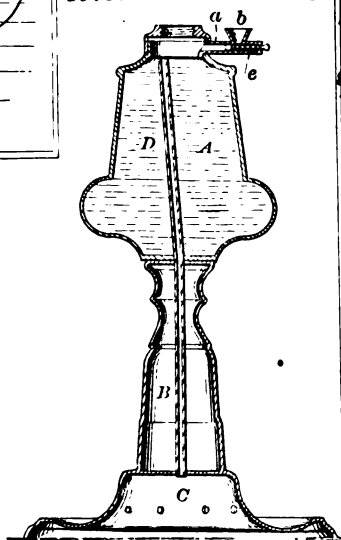
89793—L. D. & C. C. Roberts—Coal Chute.



89794—T. F. Rowland—Drilling Apparatus.

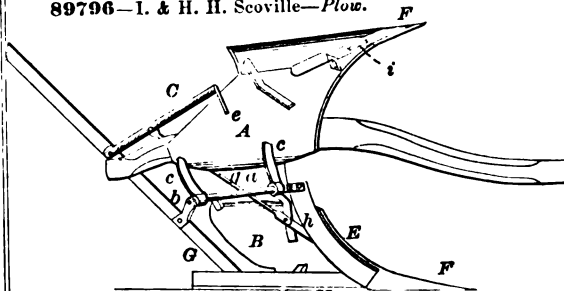


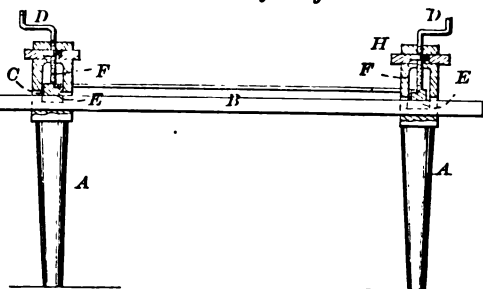
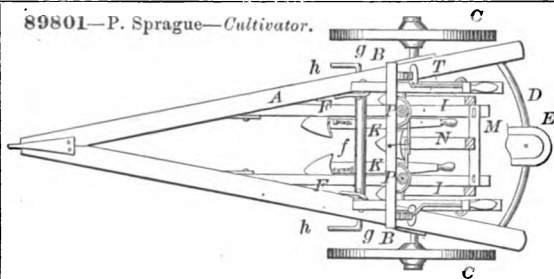
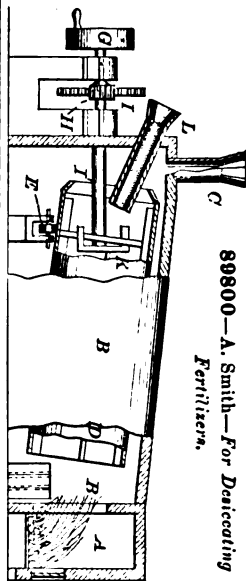
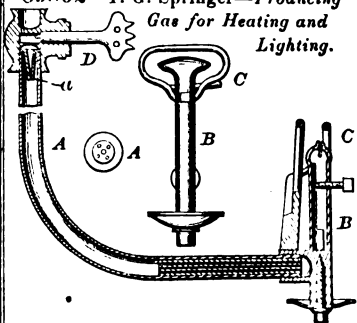
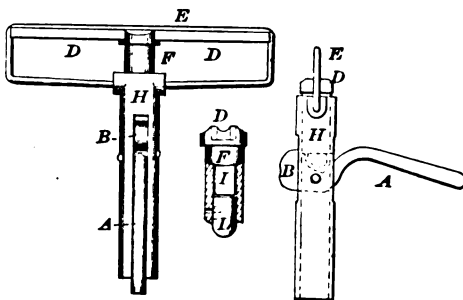
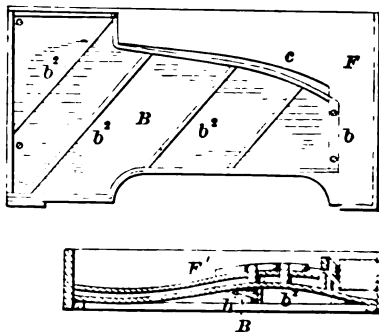
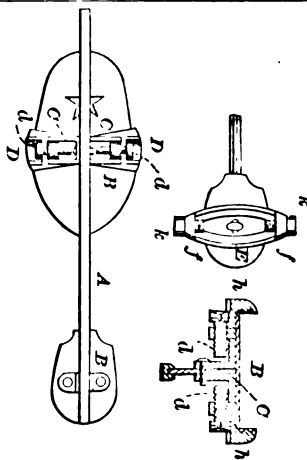
89795—F. Saunders—Lamp.



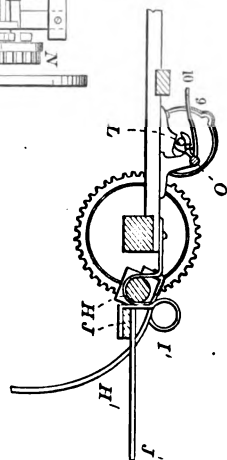
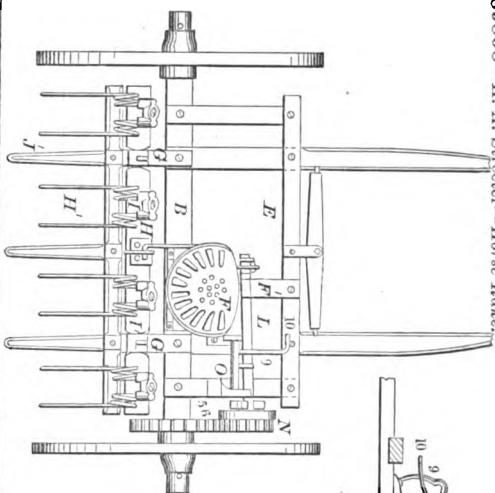
89798—J. B. Sims—For Stirring and Churning Scales.

89796—L. & H. H. Scoville—Plow.

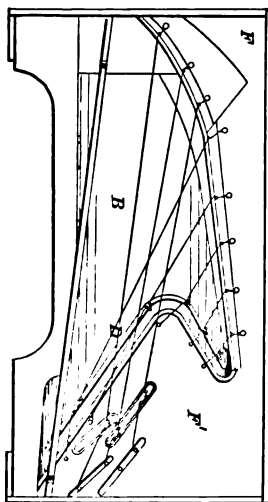


**89799—W. J. Simmons—Quilting Frame.****89801—P. Sprague—Cultivator.****89800—A. Smith—For Desiccating Fertilizers.****89802—T. G. Springer—Producing Gas for Heating and Lighting.****89803—G. Stackpole—Mop Holder.****89806—D. Stirn—Piano Forte.****89804—E. T. Starr—Slate.**

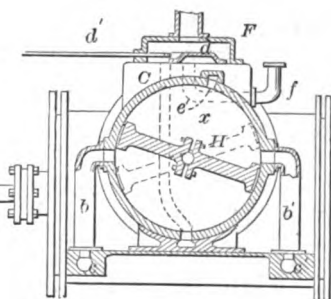
89808—H. A. Streeter—Horse Rake.



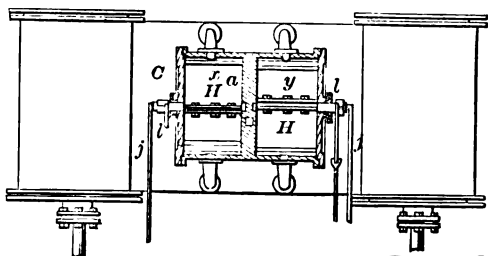
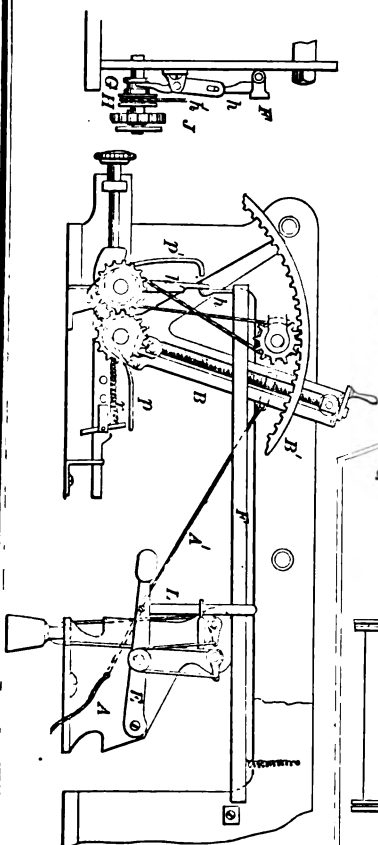
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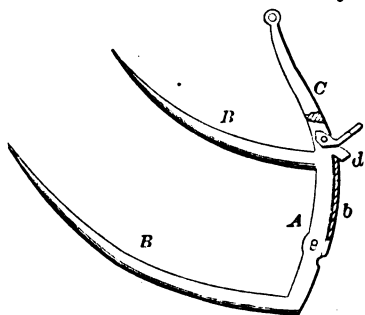
89809—J. S. Stuart—Locomotive.



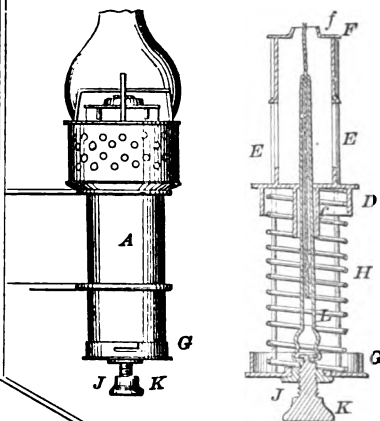
89807—A. Stockwell—Spinning Mule.



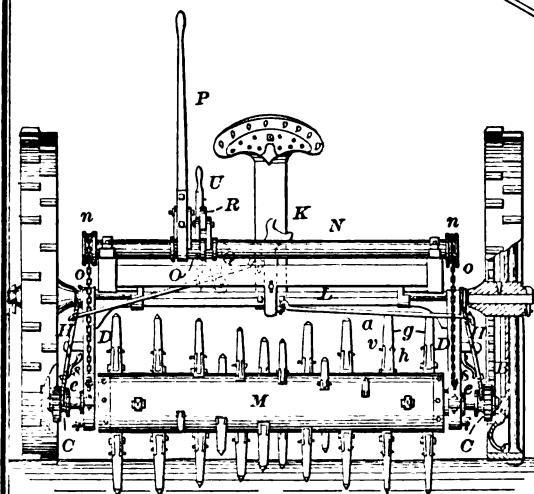
89810—J. B. Sweetland—Horse Hay Fork.



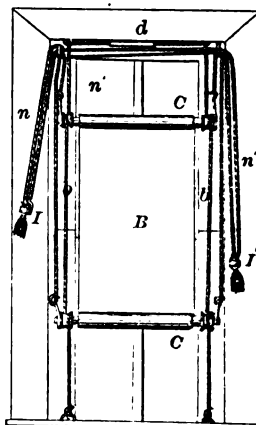
89811—F. A. Taber—Candlestick



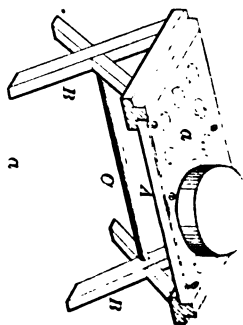
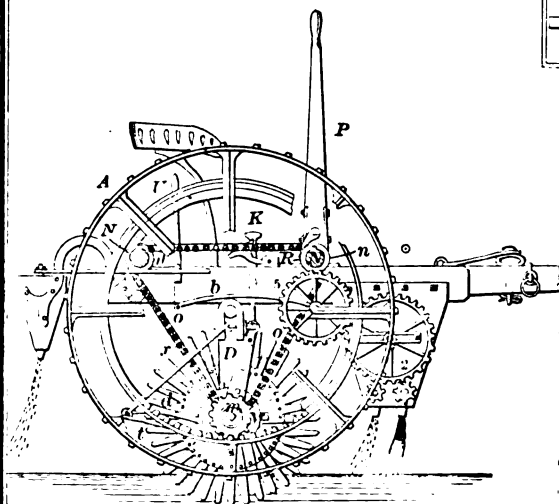
89812—A. L. Taveau—Harrow and Seeder.



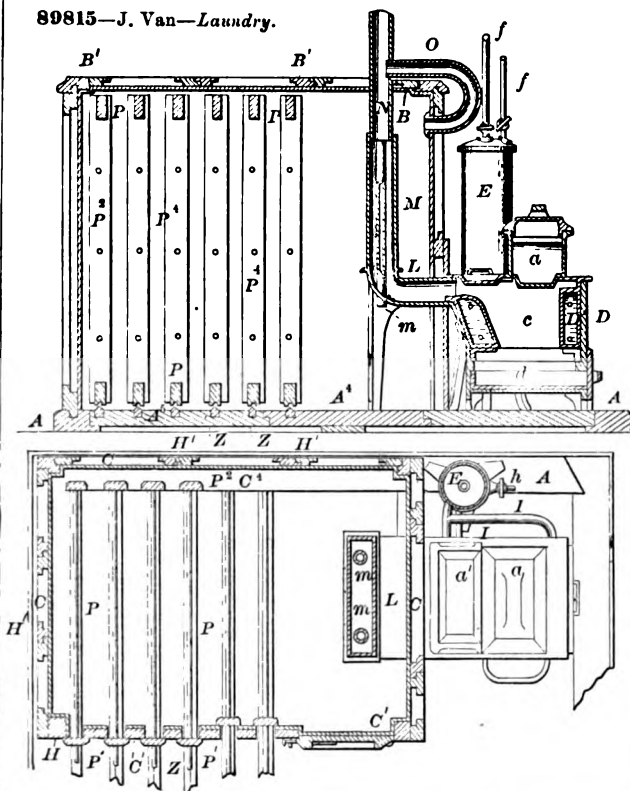
89813—J. I. Tay—For Hanging Window Shades.



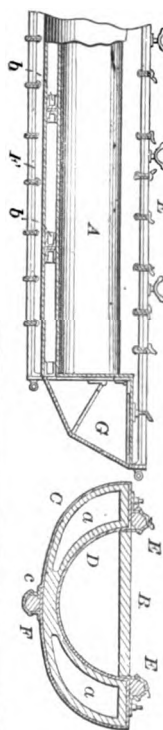
89814—A. M. Utley—Cheese Table, Shelving, etc.



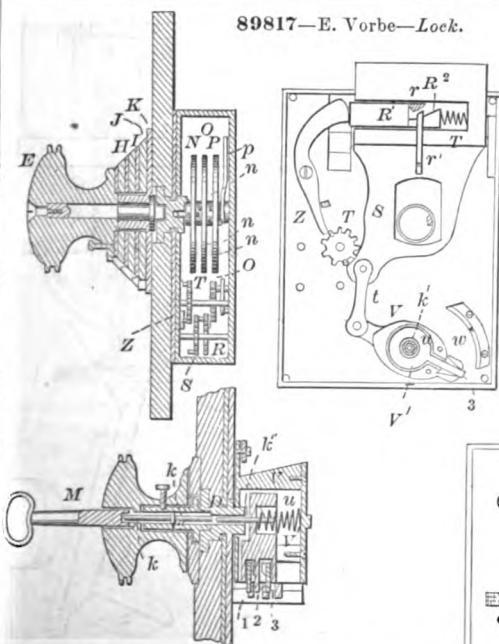
89815—J. Van—Laundry.



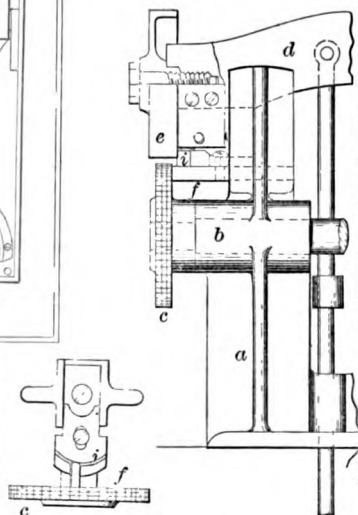
89816—F. Vié—Boat.



89817—E. Vorbe—Lock.

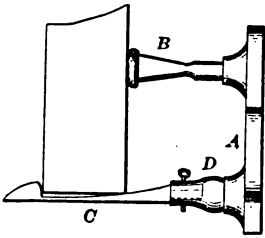


89818—H. S. Vrooman—Sole Channeling and Feather Edging Machine.

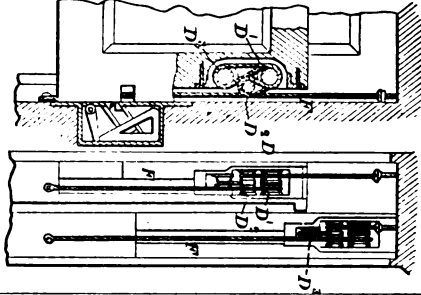




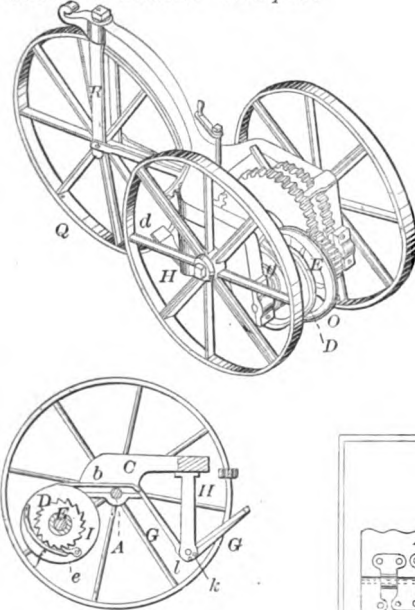
**89819**—S. Wagner—*Door Catch and Cushion.*



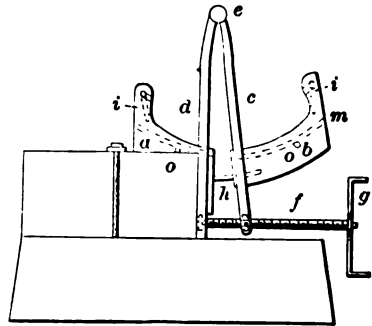
**89821**—P. A. Willson—*Sash Balance.*



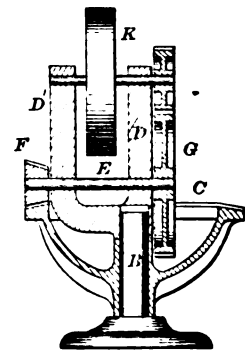
**89822**—S. Wilmarth—*Velocipede.*



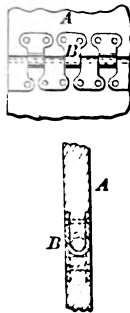
**89823**—A. Winship—*Tire Upsetting Machine.*



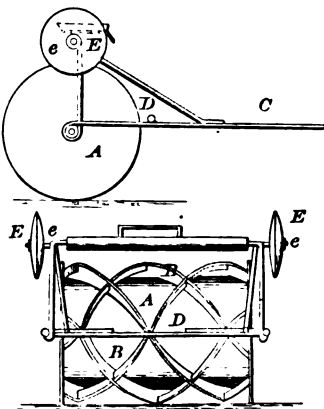
**89825**—J. M. Albertson—*Horse Power.*



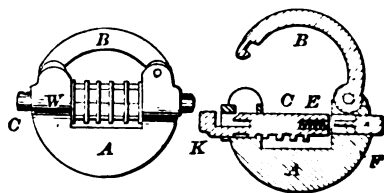
**89830**—B. P. Walker—*Joint Joint.*



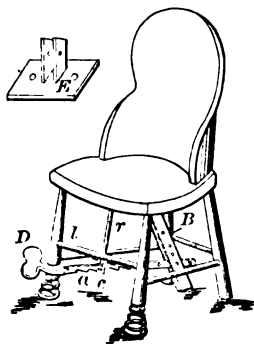
**89824**—R. Wright—*For Cutting Stalks.*



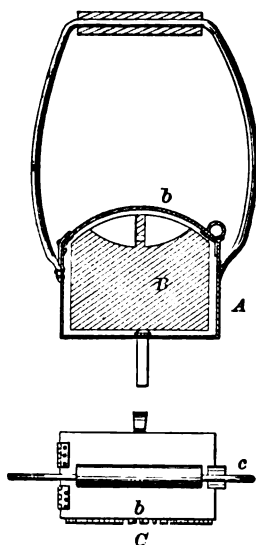
**89826**—H. L. Arnold—*Letter Lock.*



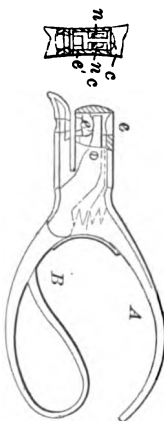
**89827—Badlam & Lang—**  
*Foot Rest.*



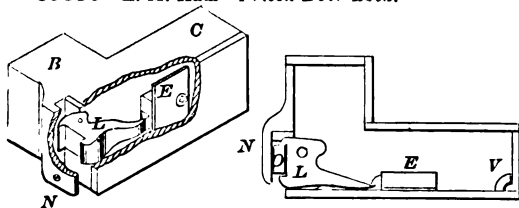
89829—J. W. Dodge—  
*Branding Apparatus.*



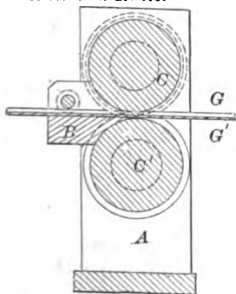
89828—J. Chapin—*Ticket Punch.*



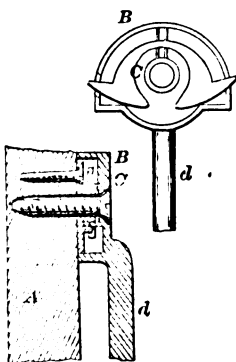
**89830**—L. M. Ham—*Prison Door Lock.*



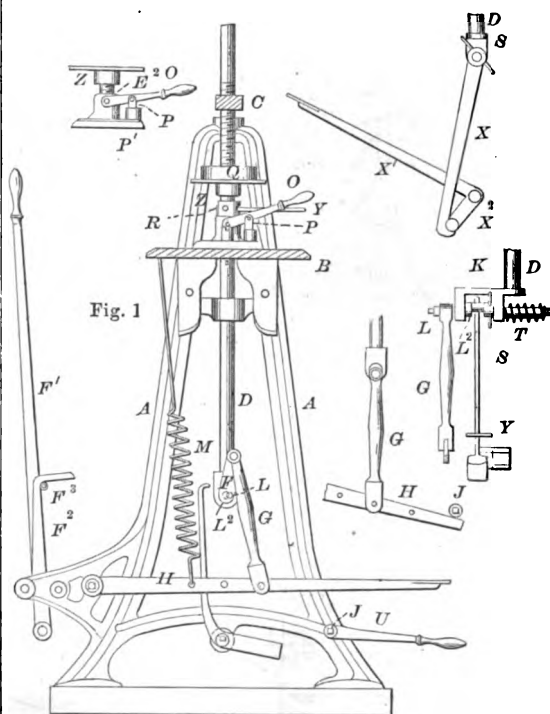
**89831**—W. Hoffman—*For Rolling and Notching Railroad Rails.*

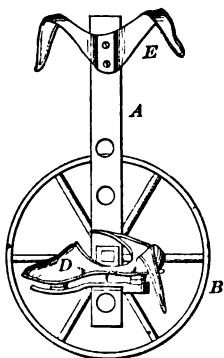
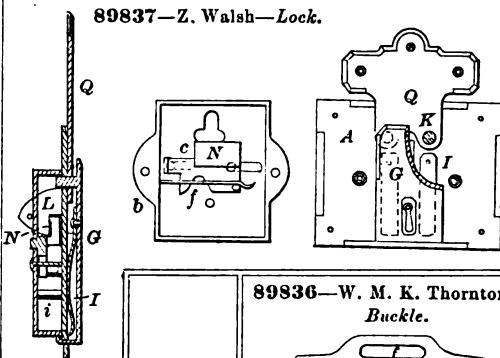
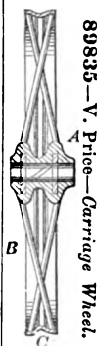
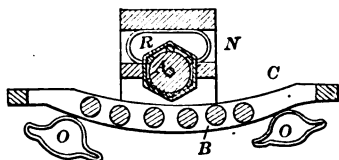
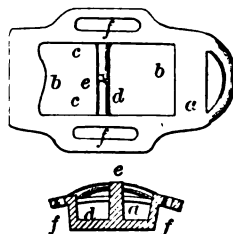
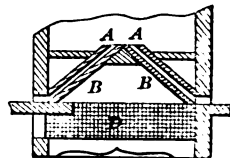
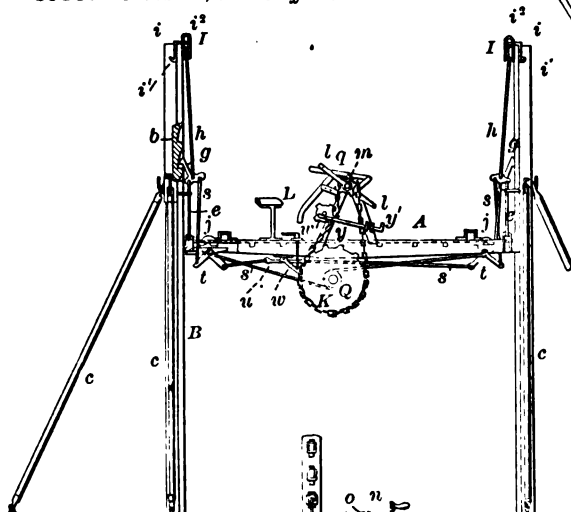
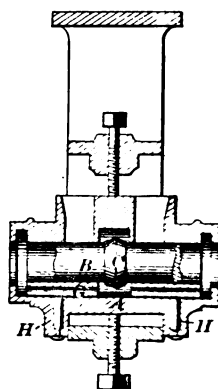
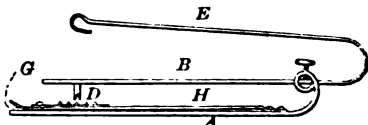


**89832—B. Kindblade—**  
*Sash Holder.*

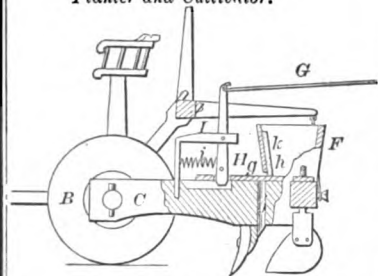


89834—G. C. Howard—*Hat Press.*

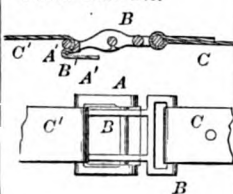


89833—T. L. Luders—*Skate.*89837—Z. Walsh—*Lock.*89838—J. Weaver, Jr.—*Washing Machine.*89836—W. M. K. Thornton—*Buckle.*89841—T. Atkinson—*Beehive.*89840—G. Adams, Jr.—*Scaffold.*89839—R. Sibley—*Journal Box.*89842—I. W. Barnum—*Tuck Creaser.*

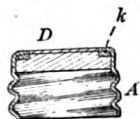
**89843**—E. Barto—*Corn Marker, Planter and Cultivator.*



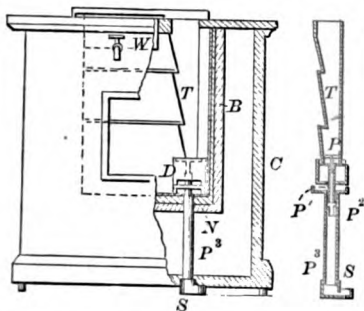
**89844**—G. N. Beard—*Cotton Bale Tie.*



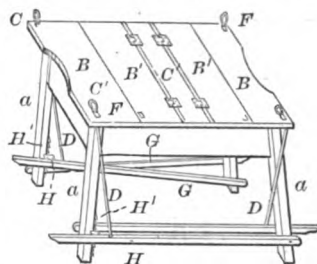
**89845**—L. R. Boyd—*Cap for Jars.*



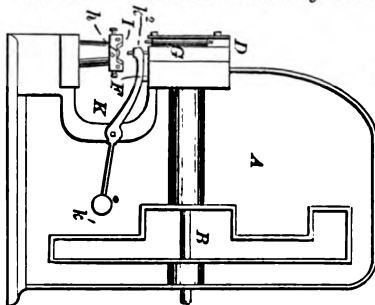
**89846**—H. R. Bozorth—*Refrigerator.*



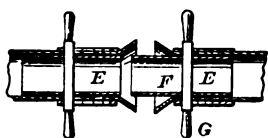
**89850**—D. L. Cady—*Sheep Shearing Table.*



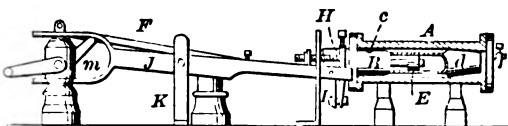
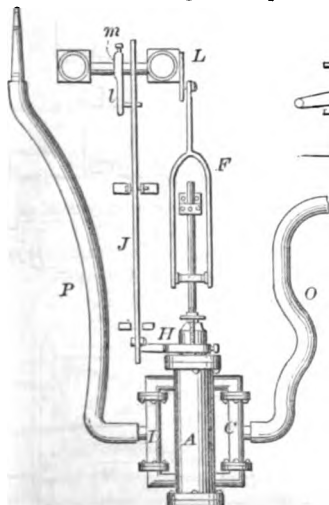
**89851**—W. Churchill—*Punching Machine.*



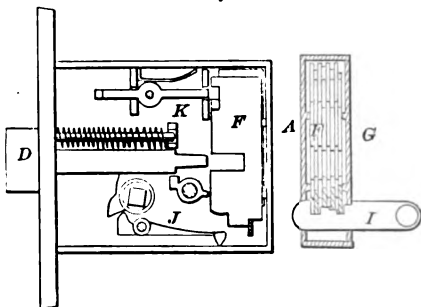
**89848**—J. G. Breslin—*Spark Conveyer.*

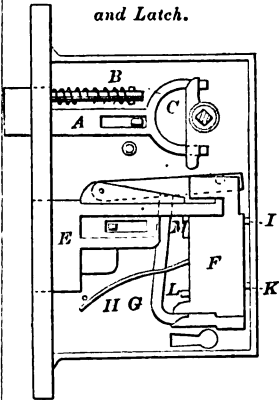
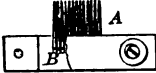
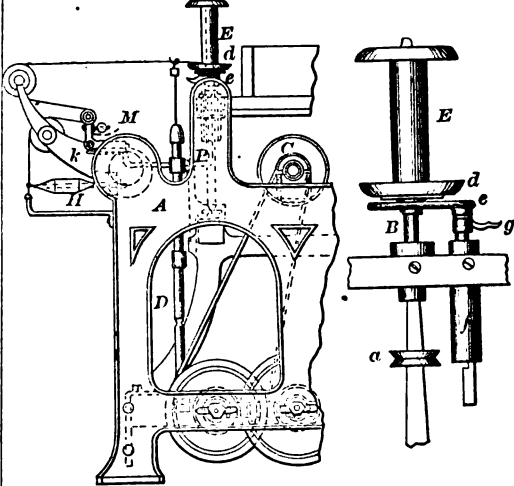
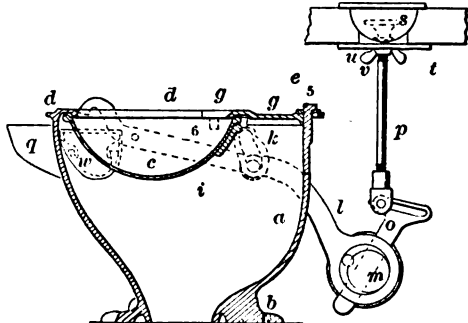
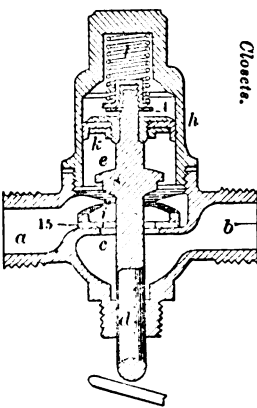
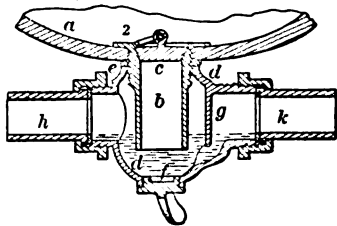
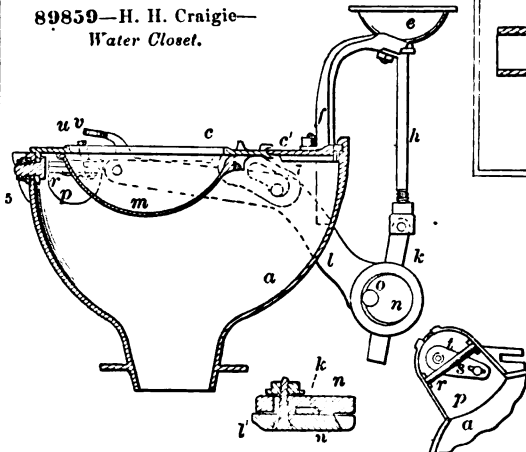
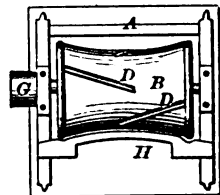


**89849**—S. Brillinger—*Pump.*

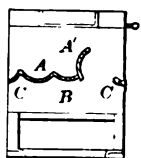


**89852**—G. W. Cilley—*Lock and Latch.*

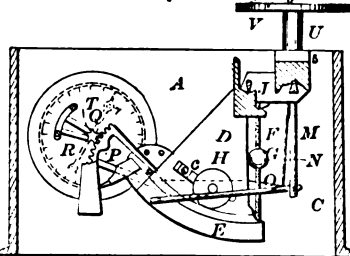


89853—G. W. Cilley—*Lock and Latch.*89855—A. Couturier—*Vegetable Fibre to Imitate Hair.*89854—I. W. Clarke—*For Doubling Yarn.*89857—H. H. Craigie—*Water Closet.*89856—H. H. Craigie—*Cock for Water Closets.*89858—H. H. Craigie—*Waste Trap for Wash Basins.*89859—H. H. Craigie—*Water Closet.*89860—H. A. Crossley—*Stave Joiner.*

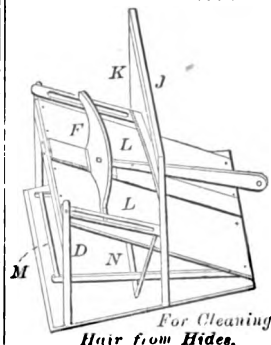
**89861**—W. Doyle—*Store Lid and Damper.*



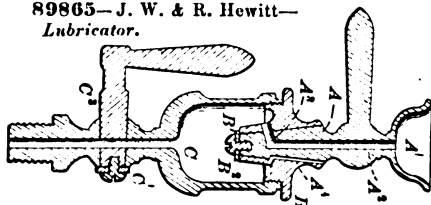
**89862**—J. G. Dyer—*Weighing Scale.*



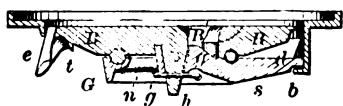
**89864**—A. Hasbrouck—



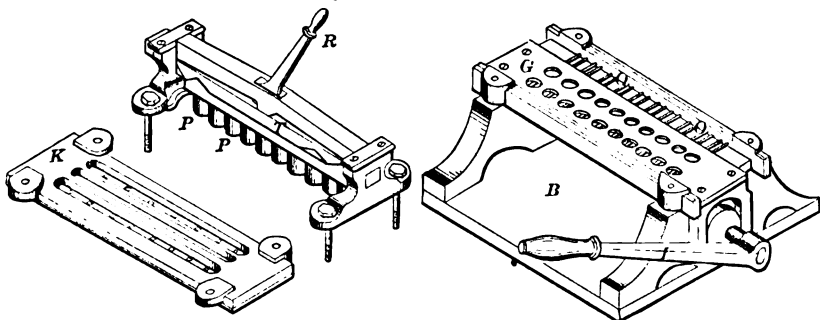
**89865**—J. W. & R. Hewitt—*Lubricator.*



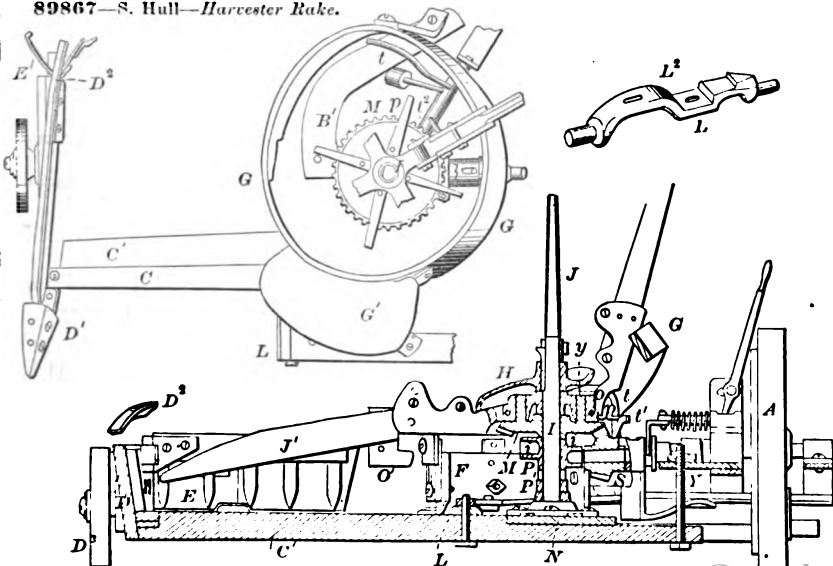
**89863**—W. Mailes—*Store Grate.*

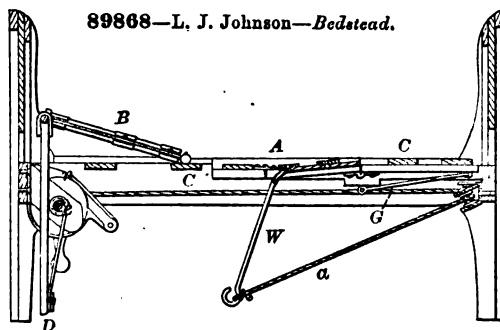
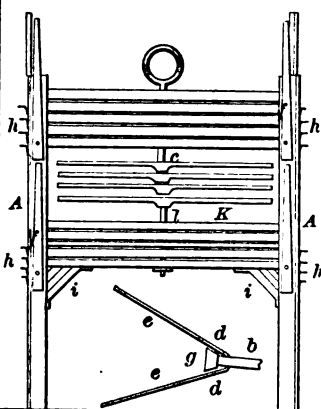
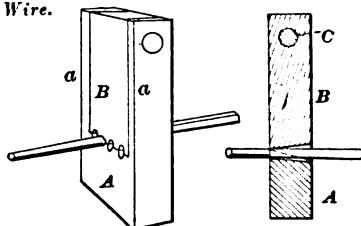
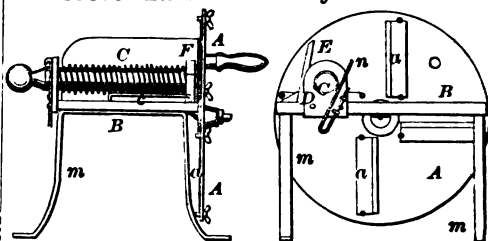
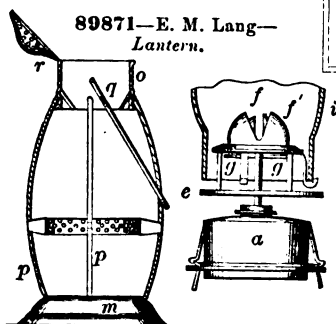
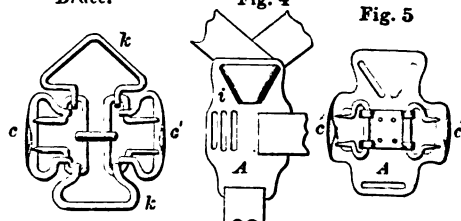
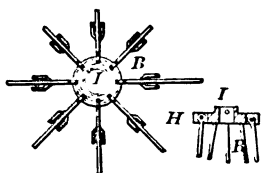
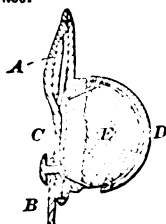
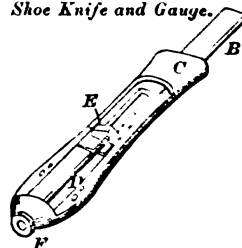


**89866**—P. L. Higley—*For Moulding Disks, Rivets, &c.*

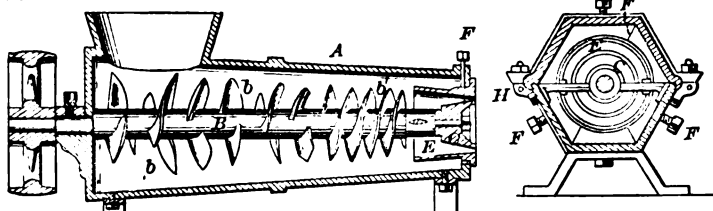


**89867**—S. Hull—*Harvester Rake.*

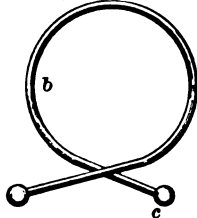


89868—L. J. Johnson—*Bedstead.*89870—G. King—*Clothes Dryer.*89869—R. Kent—*Die for Drawing and Reducing Wire.*89873—Leman & Beals—*Vegetable Slicer.*89871—E. M. Lang—*Lantern.*89872—H. B. Leach—*Suspender and Shoulder Brace.*89874—J. McAuliffe—*Umbrella.*89875—J. L. McAlemy—*Truss.*89877—R. R. McDonald—*Shoe Knife and Gauge.*

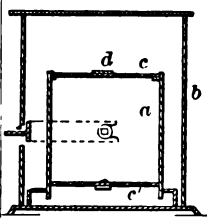
89878—J. C. McKenzie—*Tile Machine.*



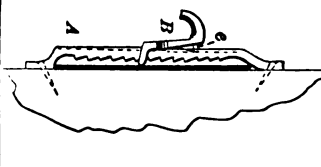
89879—S. M. Meyenberg—*Vail Holder.*



89880—G. Moody—*Stove Grate.*



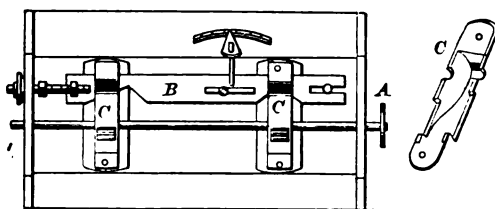
89883—G. W. Nell—*Curtain Fixture.*



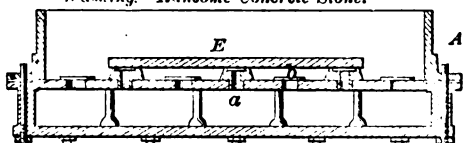
89886—E. Parker—*Key.*



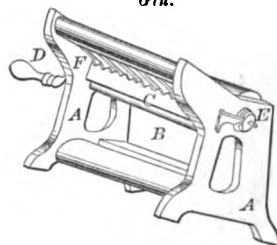
89882—W. H. Nauman—*Seed Drill.*



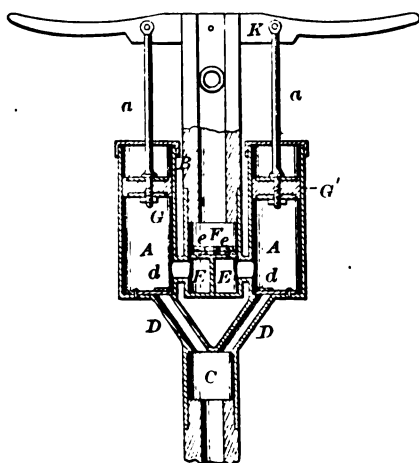
89884—R. Norris, Jr.—*For Hardening and Washing "Ransome Concrete Stone."*



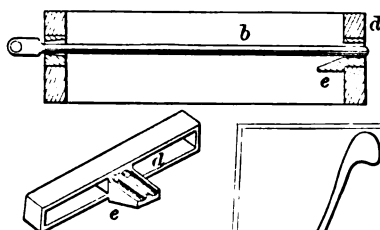
89890—C. G. Sargent—*Cotton Gin.*



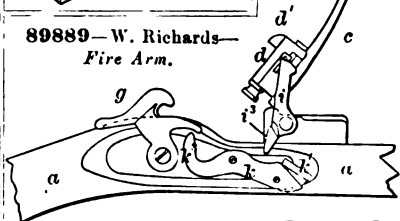
89885—D. C. Owen—*Pump.*



89888—J. Reynolds—*Grate Bar.*



89889—W. Richards—*Fire Arm.*





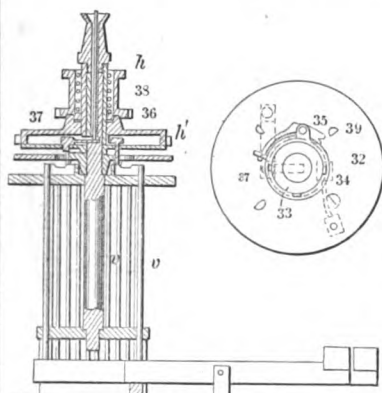
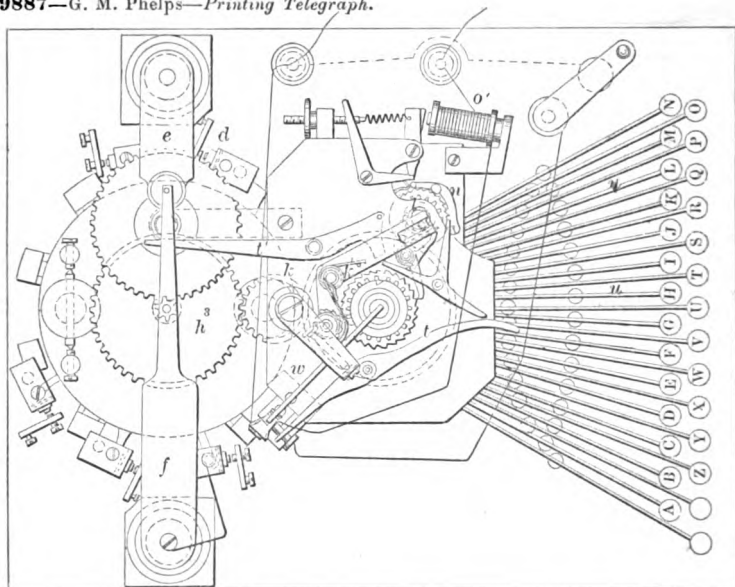
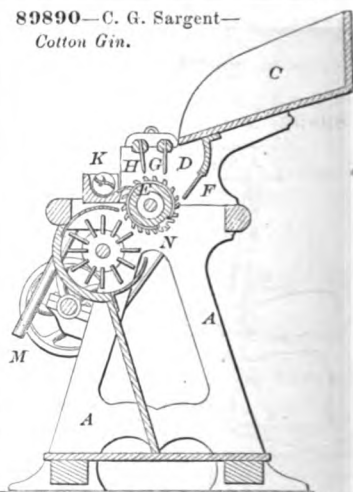
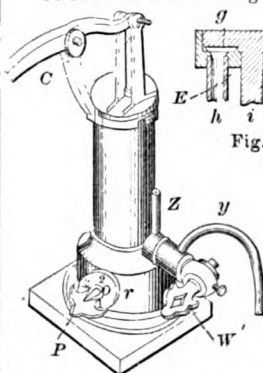
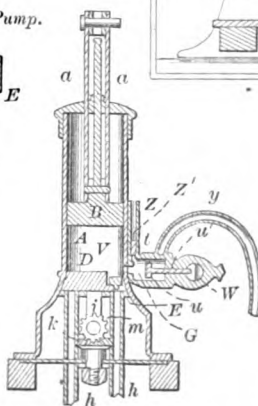
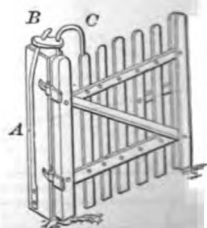
89887—G. M. Phelps—*Printing Telegraph.*89890—C. G. Sargent—*Cotton Gin.*89892—J. & J. Seeberger—*Pump.*

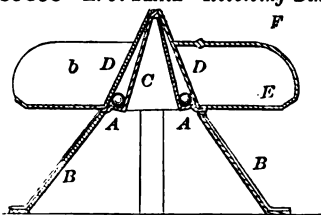
Fig. 6

89893—H. S. Shisler—*Gate Fastener.*

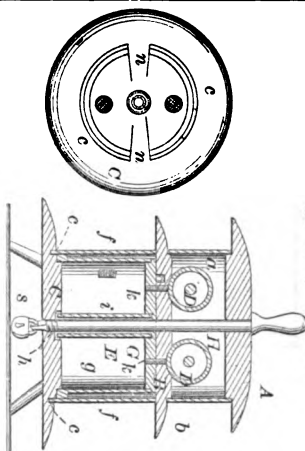
89894—A. W. Smith—Parlor Game.



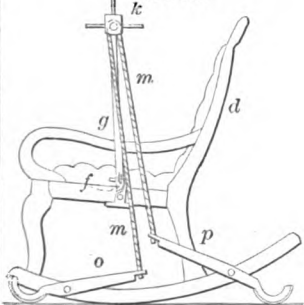
89895—E. J. Smith—Revolving Bin.



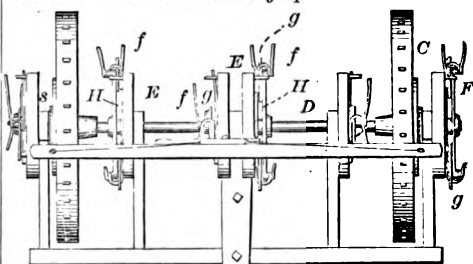
89896—C. E. Spaulding—Beehive.



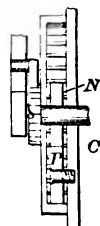
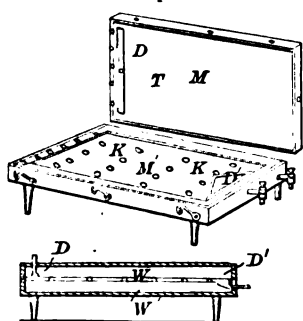
89897—M. Stiefenhofer—Chair and Fan.



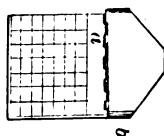
89899—J. F. Thomas—Hay Spreader.

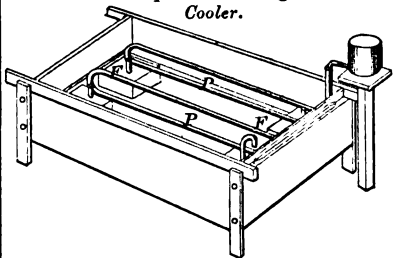
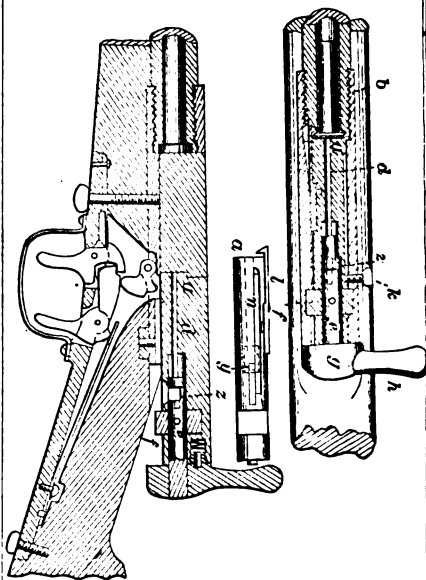
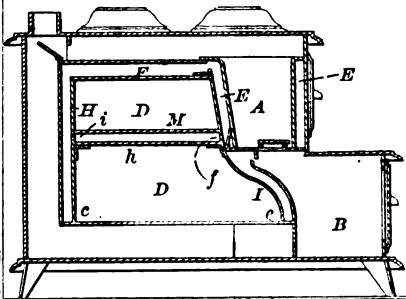
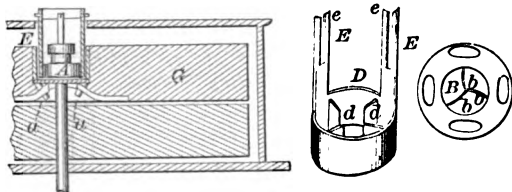
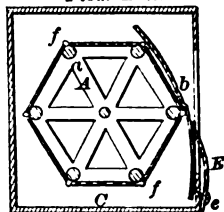
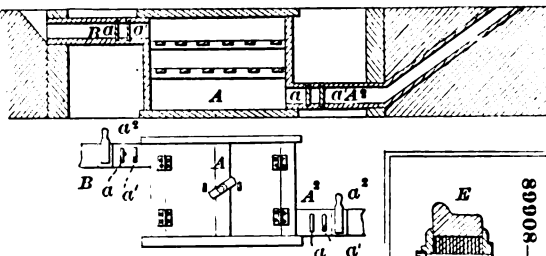
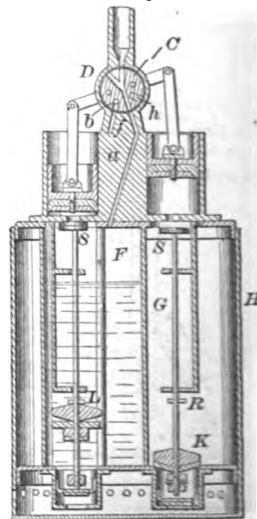
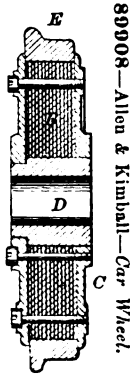
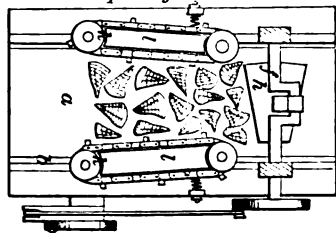


89900—A. Thompson—Milk Cooler.

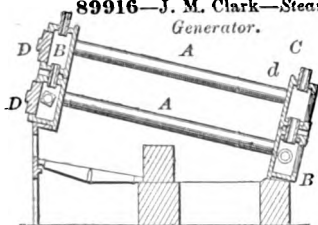
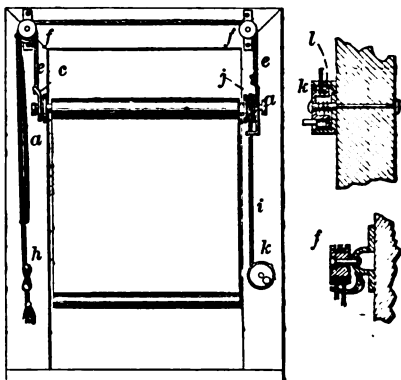
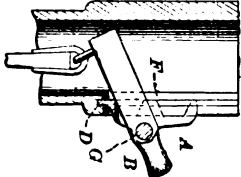
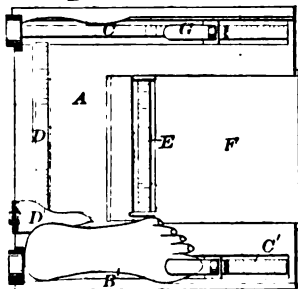
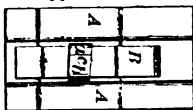
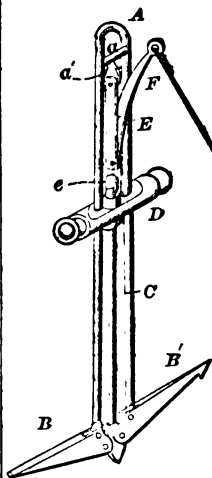
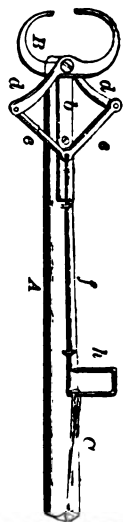
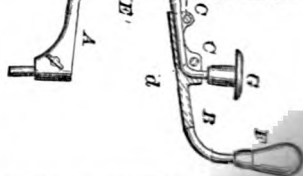
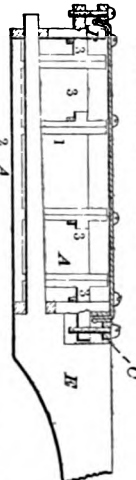
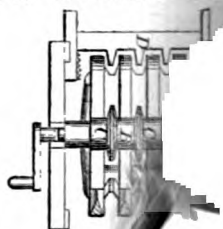
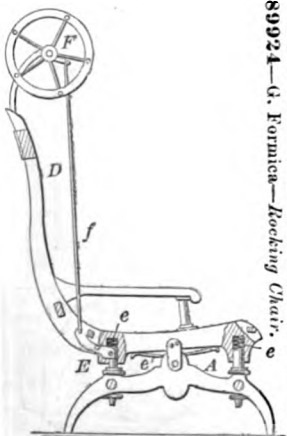


89898—J. F. Tapley—Paper Fastener.

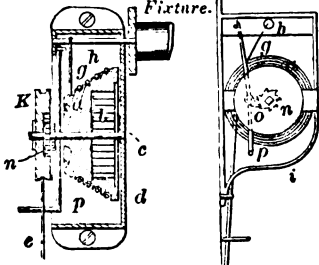


**89901—Thompson & Darling—Milk Cooler.****89902—S. F. Van Choate—Fire Arm.****89903—T. B. Walker—Store.****89904—M. Weaver—Feed Regulator for Mills.****89907—Allen & Stoddard—Flour Bolt.****89905—W. Wellington—Ventilator and Refrigerator.****89909—J. A. Bailey Pump.****89906—W. L. Williams—Wood Splitting Machine.****89908—Allen & Kimball—Car Wheel.**

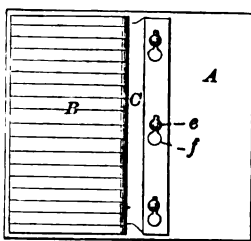


**89916—J. M. Clark—Steam Generator.****89917—B. F. Cloud—Curtain Fixture.****89918—J. W. Cole—Pump.****89919—C. Cross—Foot Measure B for Shoemakers.****89921—G. Ewart—Needle Wrapper.****89920—F. Hoort—Horse Hay Fork.****89922—D. Fausly—For Straining Animals.****89925—J. S. Fray—Brace Attachment.****89923—J. Field—Bamboo.****89927—L. P. Garner—Coal Screen.****89924—G. Formica—Hoisting Chair.**

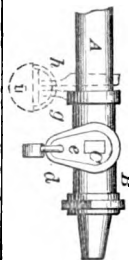
**89926**—C. G. Fritts—*Curtain Fixture.*



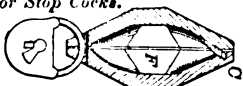
**89928**—Guest & Fawcett—*Memorandum Book.*



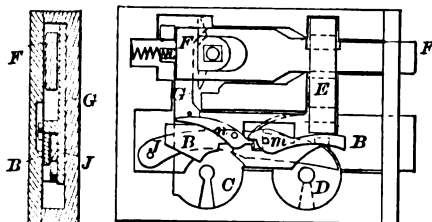
**89929**—V. T. Hall—*Locking Device for Stop Cocks.*



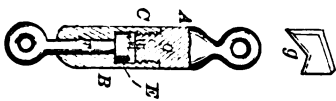
**89930**—V. T. Hall—*Locking Case for Stop Cocks.*



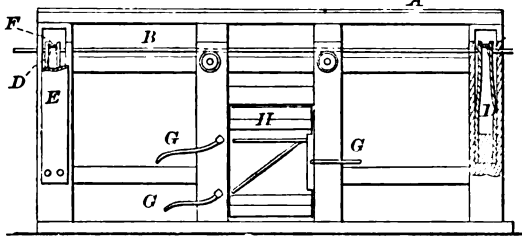
**89931**—J. W. Jones—*Door Lock.*



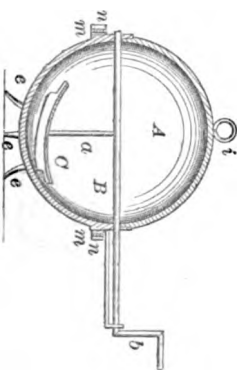
**89932**—T. D. Keith—*Operating Drills.*



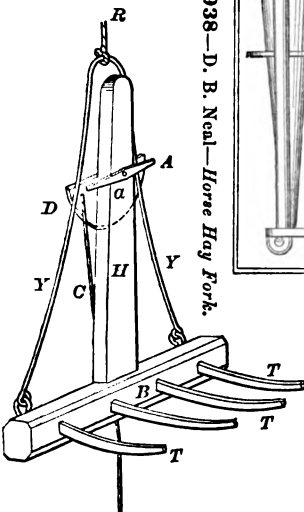
**89936**—C. T. Mason—*Electric Alarm.*



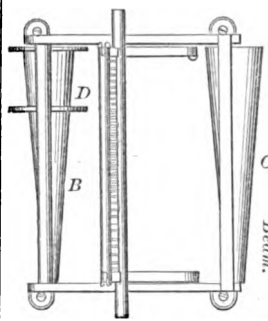
**89934**—I. Long—*Cuplee Roster.*



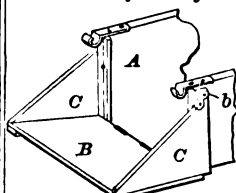
**89938**—D. B. Neal—*Horse Hay Fork.*



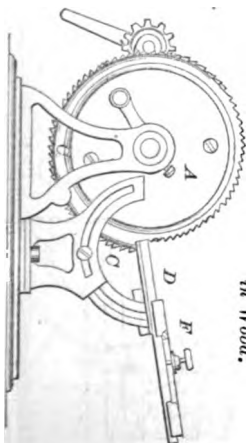
**89935**—F. X. Loughery—*Warp Beam.*



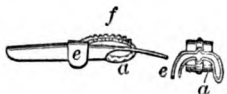
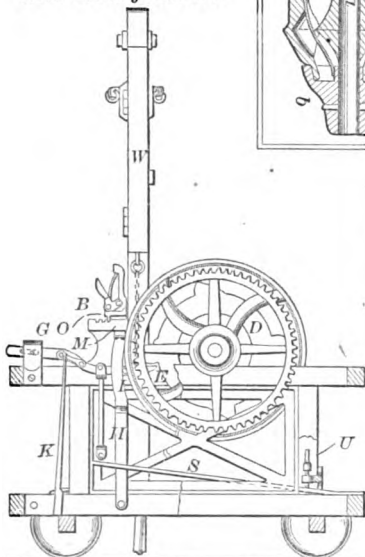
**89939**—Neill & Pick—*End Board for Wagons.*



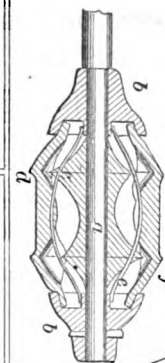
**89937**—W. A. McDonald—*For Cutting Mouldings in Wood.*



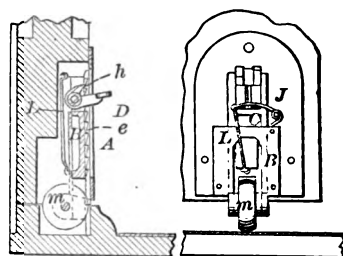
89940—H. L. Pratt—Pen.

89944—J. H. Roberts—  
Rock Drilling Machine.

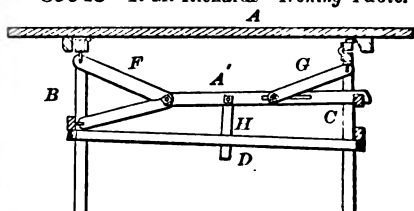
89941—H. L. Pratt—Boiler Scraper.



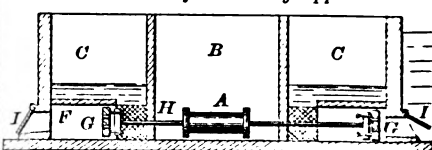
89942—W. Quayle—Door Fastener.



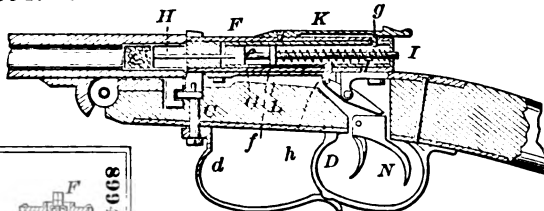
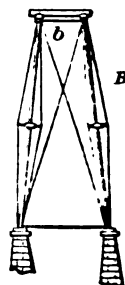
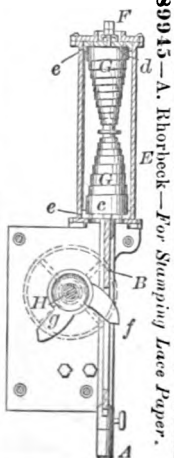
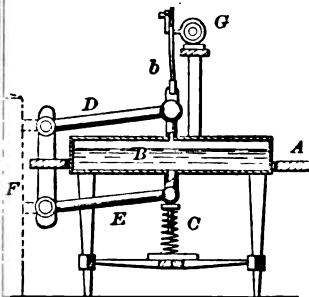
89943—T. M. Richards—Ironing Table.



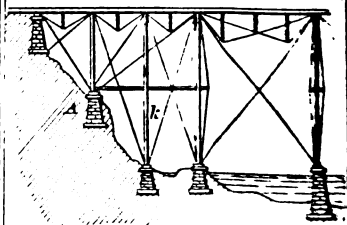
89946—J. Roy—Draining Apparatus.



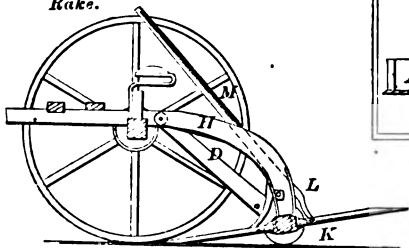
89947—G. Schulz—Fire Arm.

89948—F. H. Smith—  
Bridge.89949—N. L. Smith—Feed  
Water Regulator.

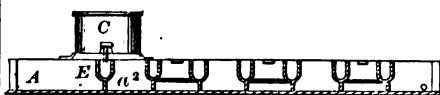
89945—A. Thorbeck—For Stumping Live Pines.



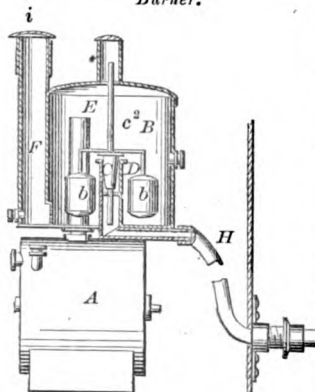
**89950**—E. R. & W. P. Spear—*Horse Rake.*



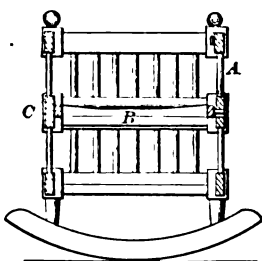
**89951**—H. Stollar—*Evaporator.*



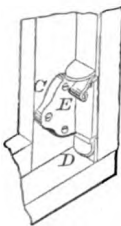
**89952**—J. Stratton—*Hydro-Carbon Burner.*



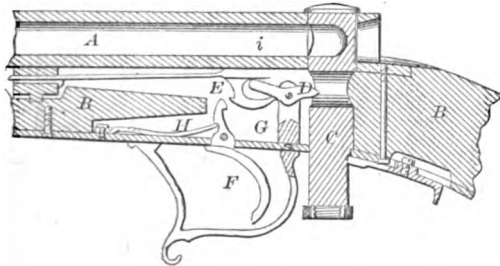
**89953**—A. R. Swartz—*Crib.*



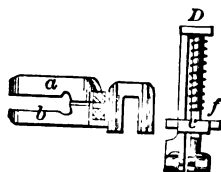
**89954**—Teahl & Zimmerman—*Shoe Holder.*



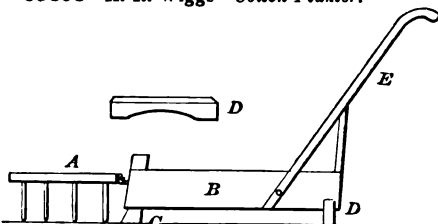
**89955**—L. B. Tiebel—*Fire Arm.*



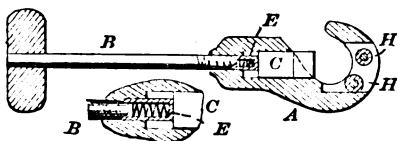
**89957**—S. Tutton—*For Sewing Machines.*



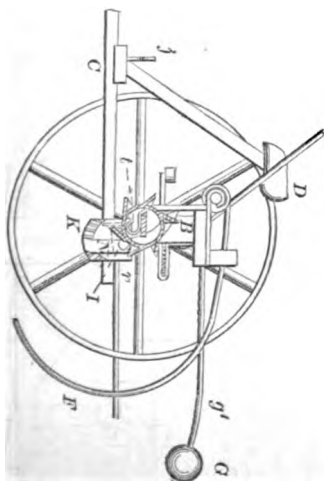
**89858**—A. R. Wiggs—*Cotton Planter.*



**89959**—A. G. Wilder—*Pipe Cutter.*



**89956**—Tschop & Hartman—*Horse Rake.*





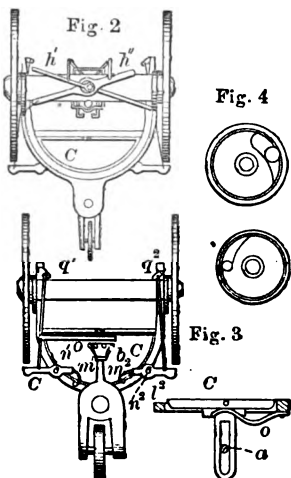
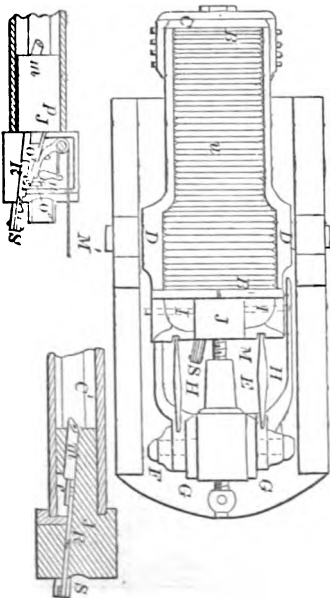
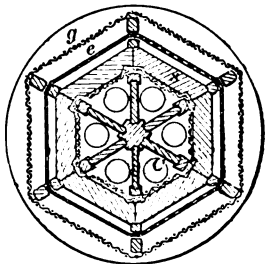
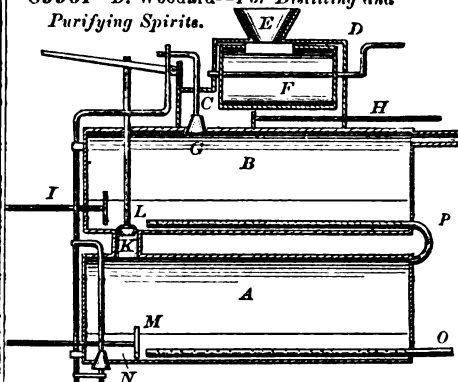
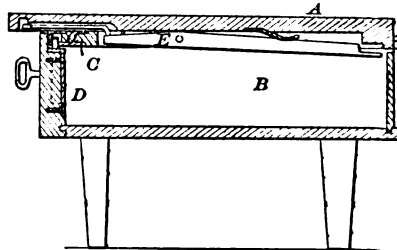
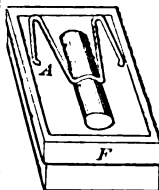
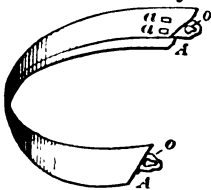
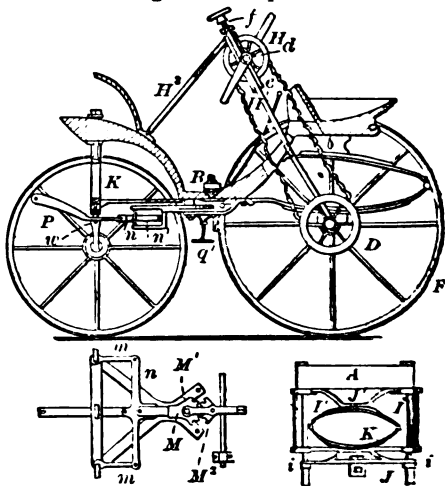
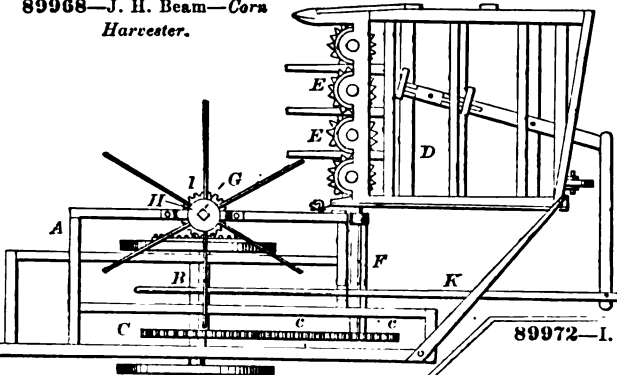
89960—B. F. Wilson—*Velocipede.*

Fig. 4

Fig. 3

89963—J. T. Agner—*Bolting Reel.*89965—W. Bacon—*Overlance.*89961—D. Woodard—*For Distilling and Purifying Spirits.*89962—R. B. Zwahlen—*Till Check.*89967—M. C. Battey—*Collar Fastening.*89966—G. L. Bailey—*Sample Holder.*89964—J. Allgaier—*Velocipede.*

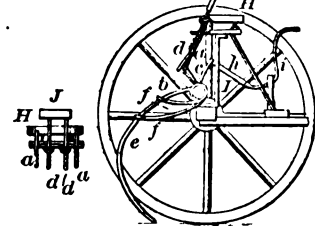
89968—J. H. Beam—Corn Harvester.



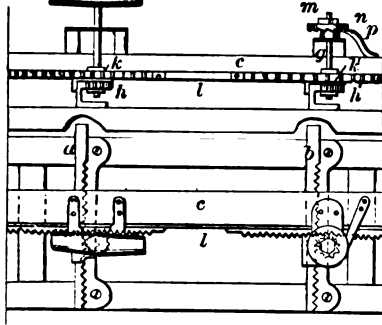
89970—J. W. Bishop—Picture Nail.



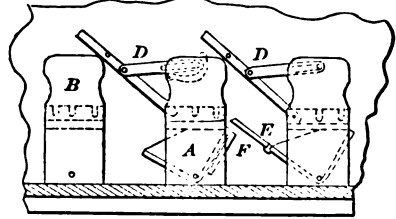
89972—I. Carman—Horse Rake.



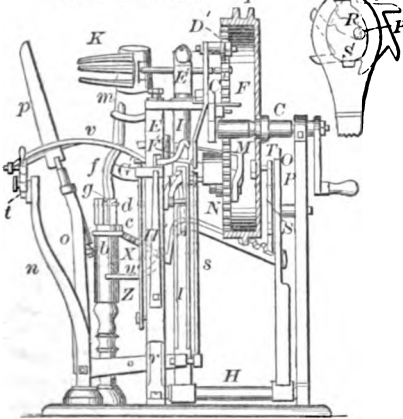
89869—A. M. Beard—Head Block for Saw Mills.



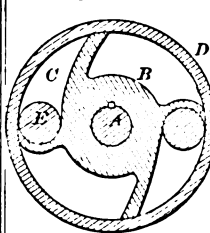
89976—J. S. Diack—Car Seat.



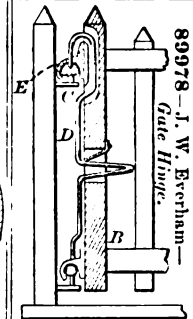
89871—G. W. Brokaw—Apple Parer and Slicer.



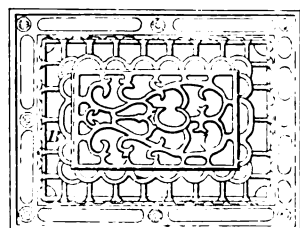
89873—Coolman & Young—Harvester.



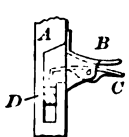
89678—J. W. Becham—Gate Hinge.



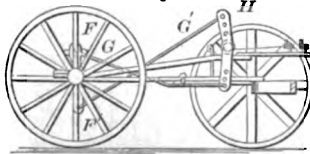
89974—W. G. Creamer—Car Ventilator.

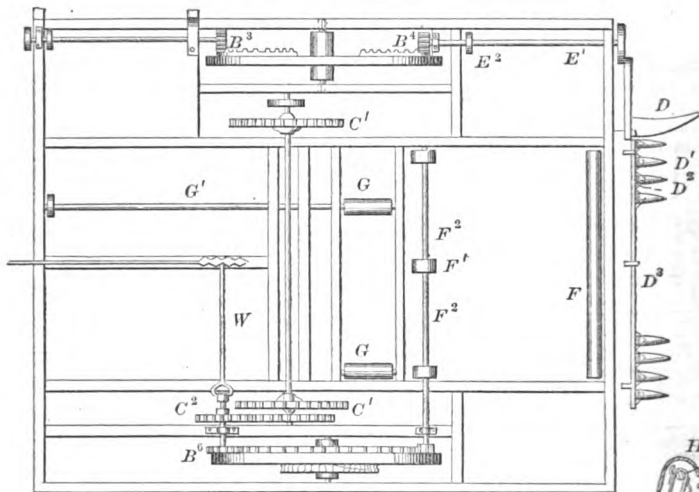
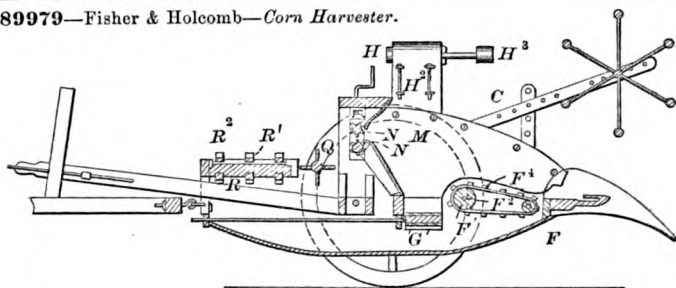


89875—J. L. Devol—Sash Fastener.

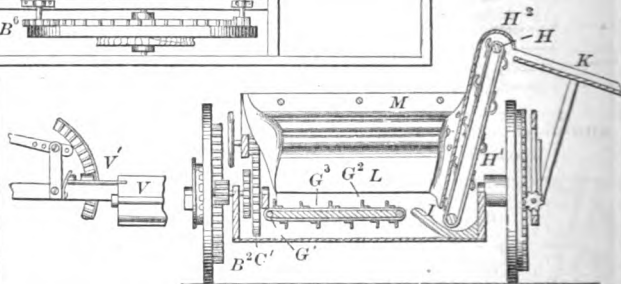


89877—Doty & Dickinson—Velocipede.

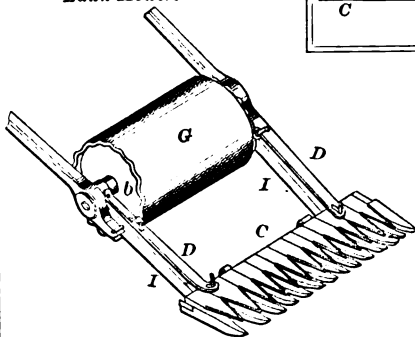
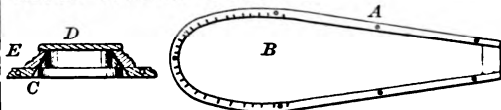
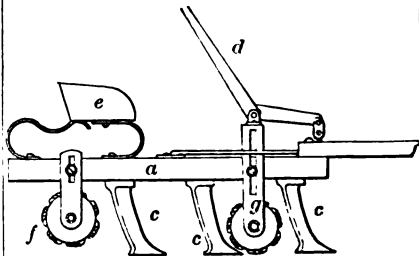


89979—Fisher & Holcomb—*Corn Harvester.*

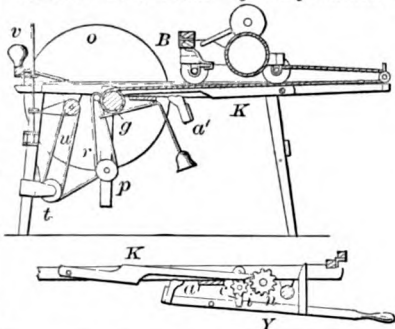
89980—C. Vogelberg—*Preparing Zinc for Organ Pipes.*



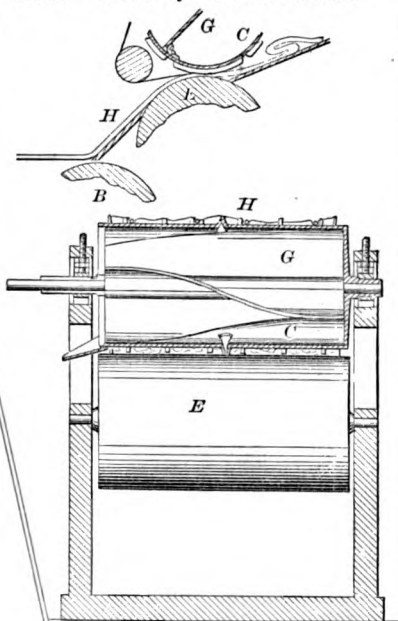
89981—T. Garrick—*Lawn Mower.*

89982—J. Gawler—*Burial Case.*89983—J. Gould—*Grass Renovator.*

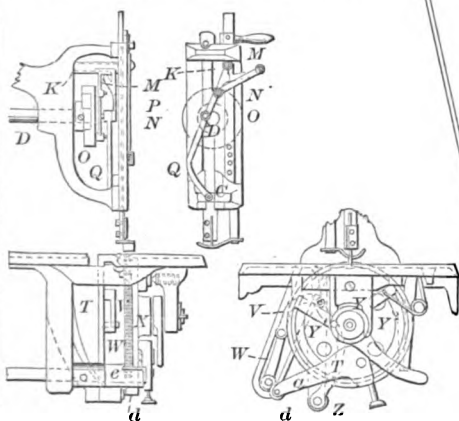
89984—B. A. Grant—*Spinning Machine.*



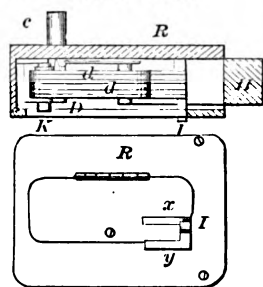
89985—G. Y. Gray—*Cracker Machine.*



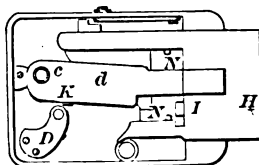
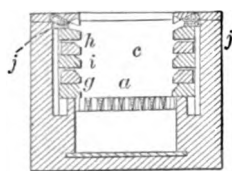
89987—L. Griswold—*Sewing Machine.*



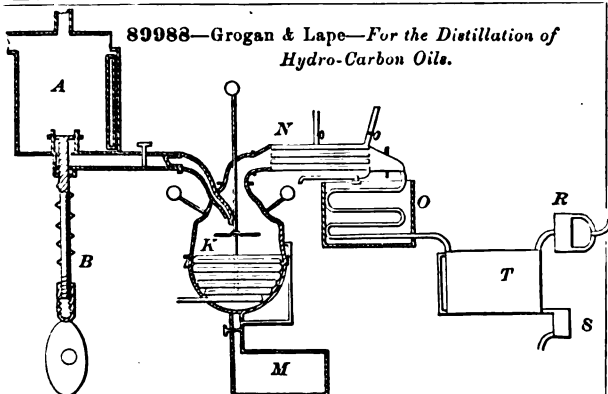
89989—H. Gross—*Lock.*



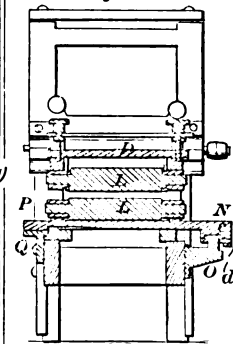
89986—C. B. Gregory—*Furnace.*



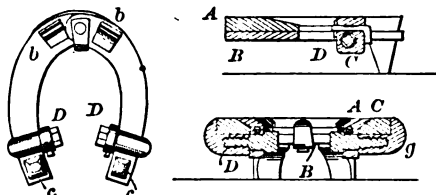
89988—Grogan & Lape—*For the Distillation of Hydro-Carbon Oils.*



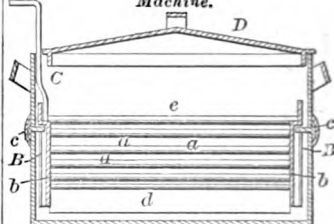
89990—E. P. Halsted—*Planing Machine.*



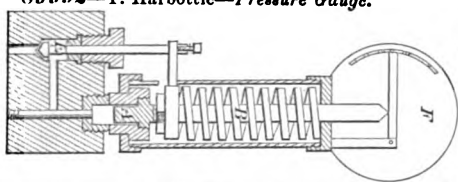
89991—Handy &amp; Kleibacker—Horse Shoe.



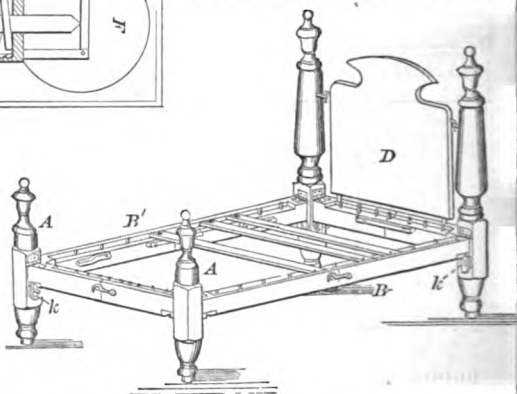
89994—R. Hermance—Washing Machine.



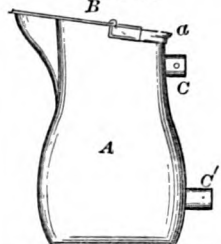
89992—T. Harbottle—Pressure Gauge.



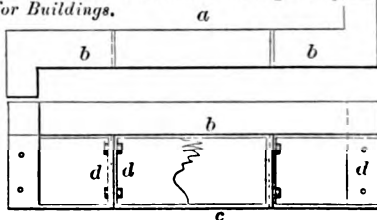
89993—T. B. Harkins—Bedstead.



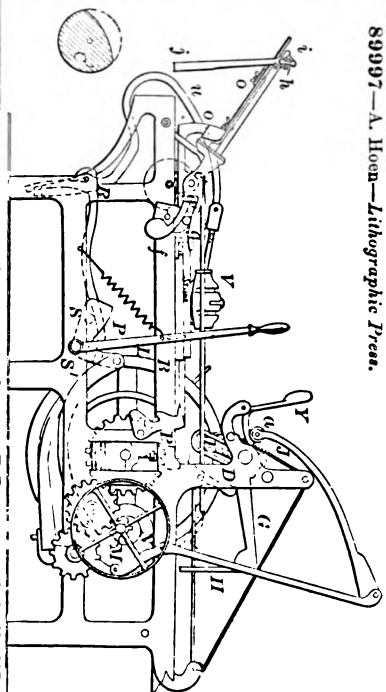
89996—J. H. Hobbs—Pitcher.



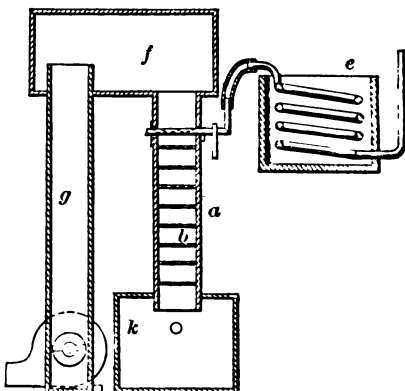
89995—Hill &amp; Burnham—Underpinning for Buildings.



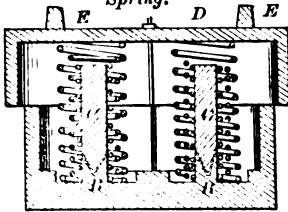
89997—A. Hoem—Lithographic Press.



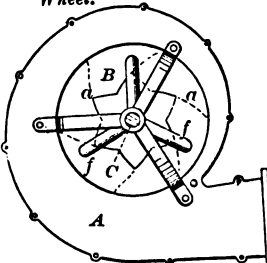
89998—A. H. Hook—For Freeing Petroleum and other Liquids from Gas.



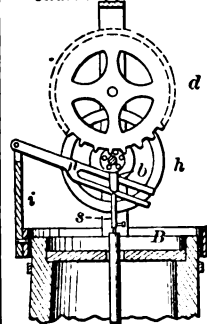
**89999**—E. J. Horner—Car Spring.



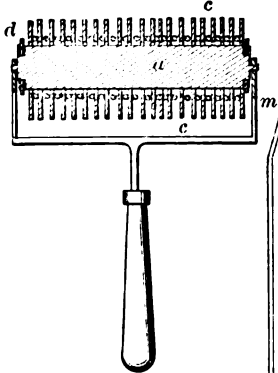
**90000**—A. Hubbell—Water Wheel.



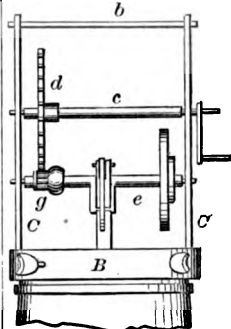
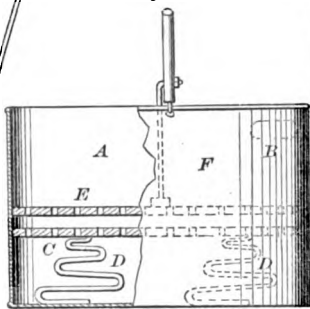
**90002**—H. E. James—Churn.



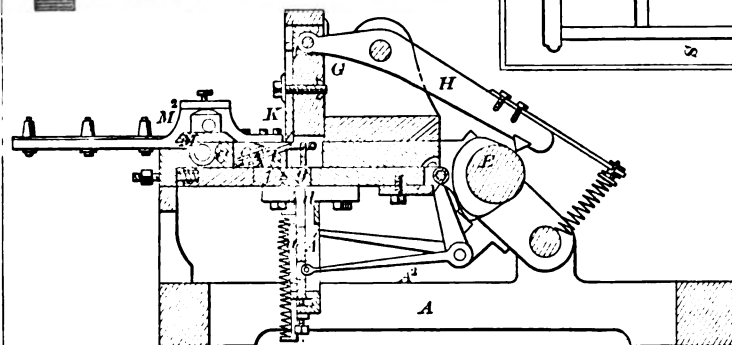
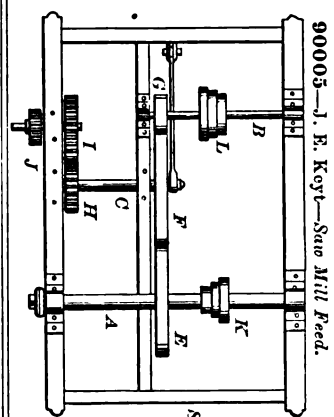
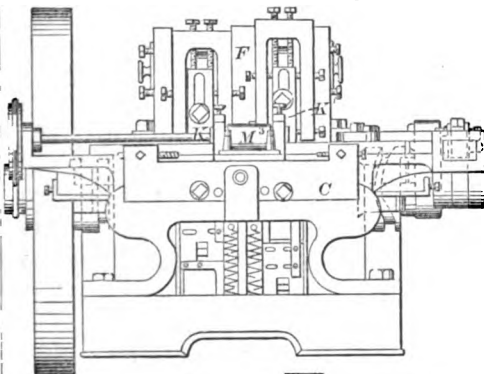
**90004**—W. H. Kay—Graining Apparatus.



**90001**—A. L. Hurtt—Washing Machine.



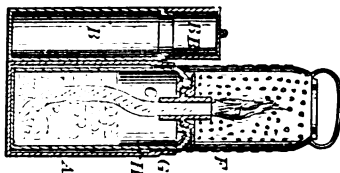
**90003**—Jones & Snow—For Making Cut Nails.



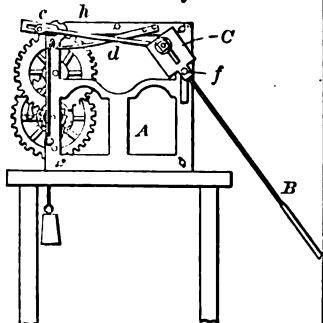
**90006**—W. Kopp—*Preparing and Embossing Wood.*



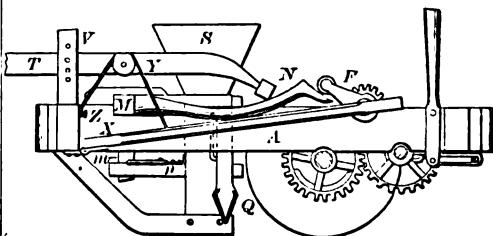
**90007**—C. Mackh—*Lantern.*



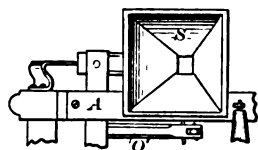
**90009**—J. Maltry—*Fan.*



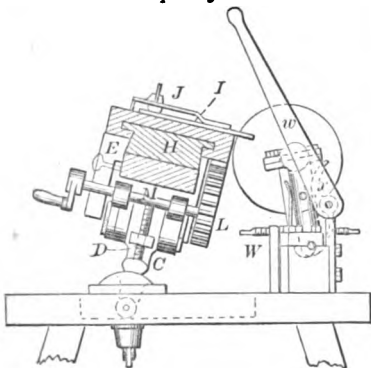
**90008**—N. Maisonneuve—*Corn Planter.*



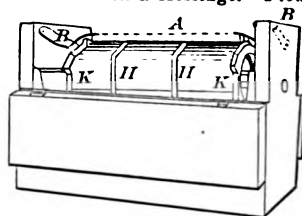
**90013**—G. Murray—*Bag Tie.*



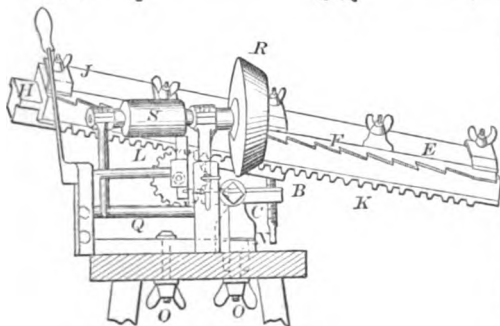
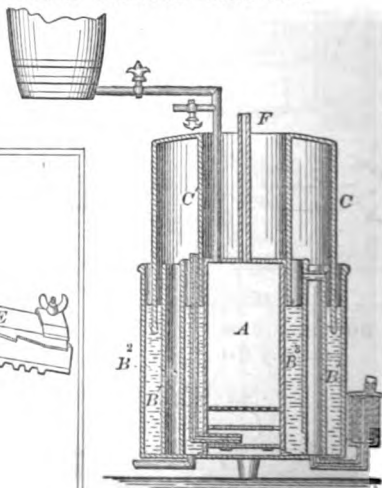
**90010**—T. T. Markland, Jr.—*For Saw Sharpening.*



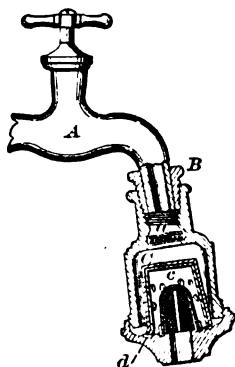
**90011**—Mitchell & Kessinger—*Flour Bolt.*



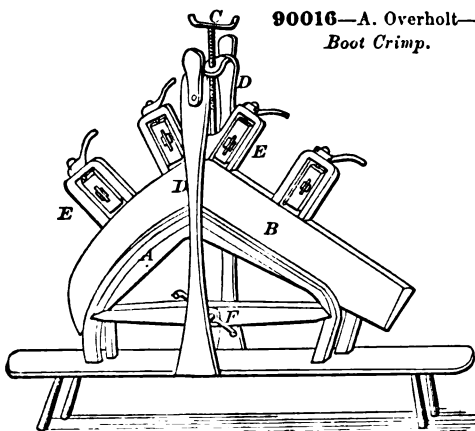
**90012**—E. L. Mix—*Carburetter.*



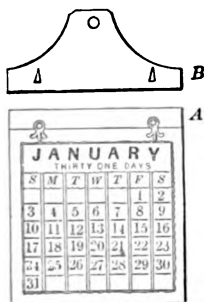
**90015**—North & Thompson—  
Water Cock.



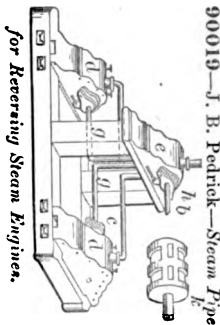
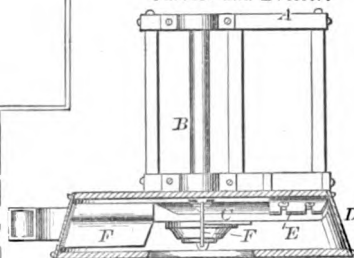
**90016**—A. Overholt—  
Boot Crimp.



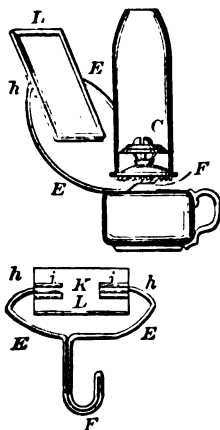
**90017**—J. D. Parsons—  
Advertising Calendar.



**90018**—F. A. Pauck—Tobacco  
Carrier and Dresser.

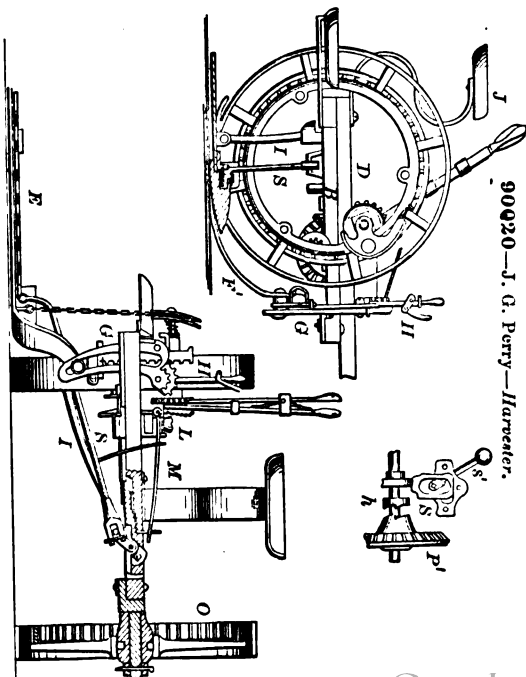
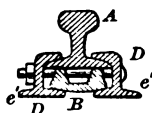


**90019**—J. B. Pedrick—Steam Pipe  
Reerving Machine.

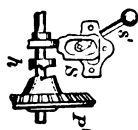


**90021**—J. T. Pope—Lamp Shade Holder.

**90023**—S. J. Reeves—  
Railway Rail.

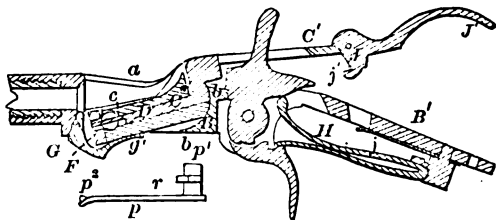


**90020**—J. G. Perry—Harester.

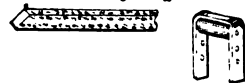




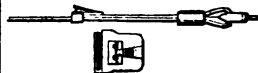
90024—B. S. Roberts—Fire Arm.



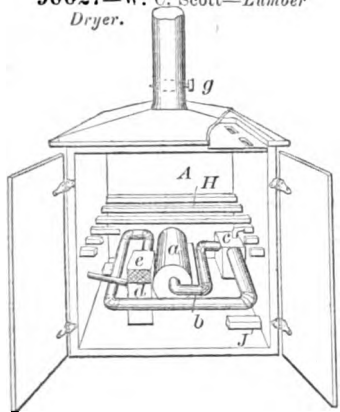
90025—W. H. Robinson—Leveling Staff.



90026—G. W. Roland—Buckle.



90027—W. C. Scott—Lumber Dryer.



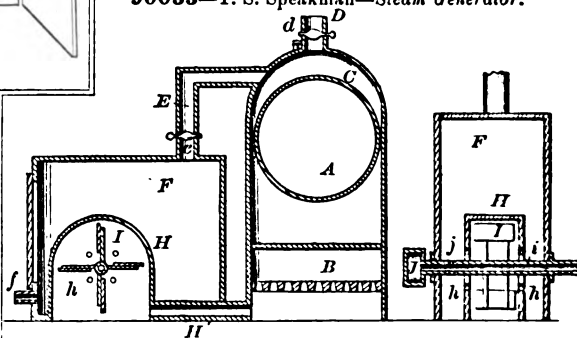
90028—W. S. &amp; E. H. Shoemaker—Hog Ring.



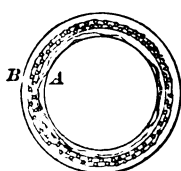
90030—M. Simons—Coffee and Tea Pot.



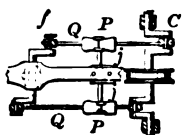
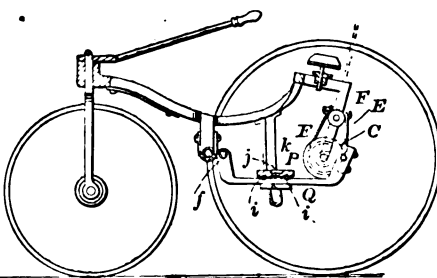
90033—T. S. Speakman—Steam Generator.



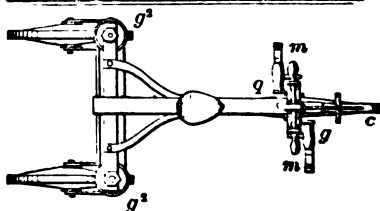
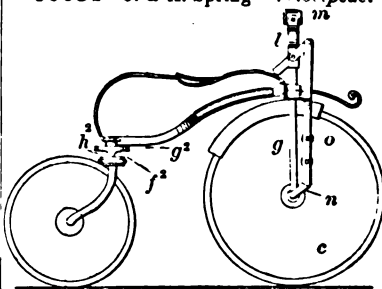
90031—G. C. Smith—Hose.



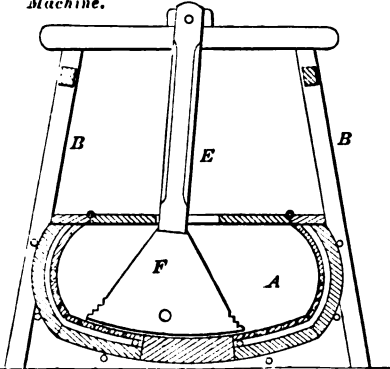
90032—H. Smith—Velocipede.



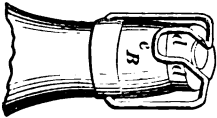
90034—C. &amp; A. Spring—Velocipede.



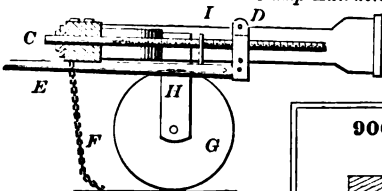
**90035—J. Taylor—Washing and Fulling Machine.**



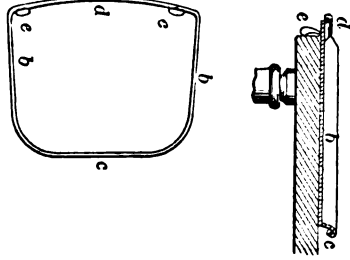
**90037—E. D. Weatherbee—Cork Fastener.**



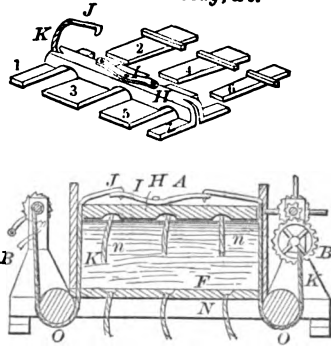
**90038—B. W. Weaver—Stump Extractor.**



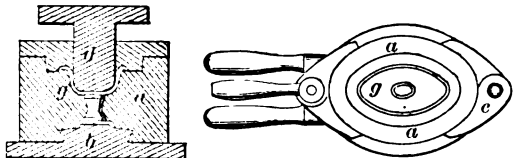
**90036—A. Turner—Child's Table Tray.**



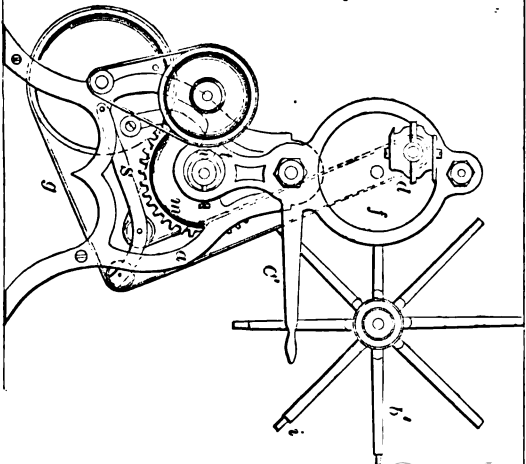
**90039—J. H. Wittmer—Power Press for Hay, &c.**



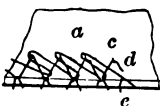
**90040—A. E. Young—Glassware Mould.**



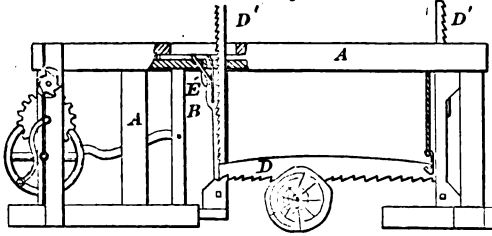
**90041—C. W. Cotton—For Forming Oval Tenons.**



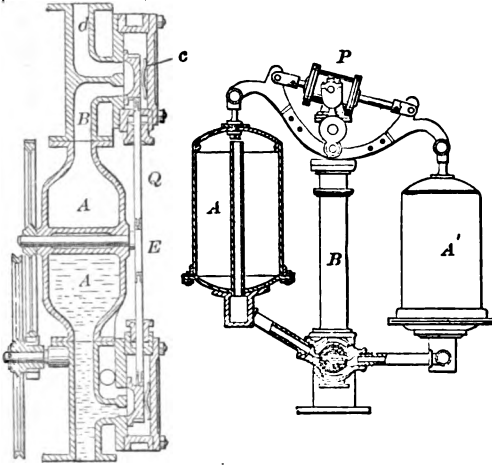
**90045—A. Harroun, Jr.—Machine Made Stitch.**



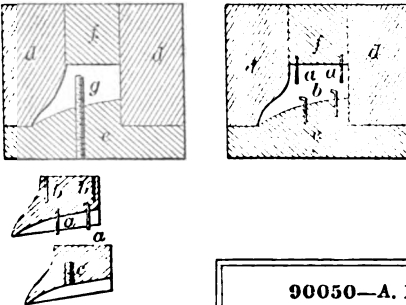
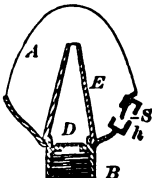
90043—W. Gardiner—Sawing Machine



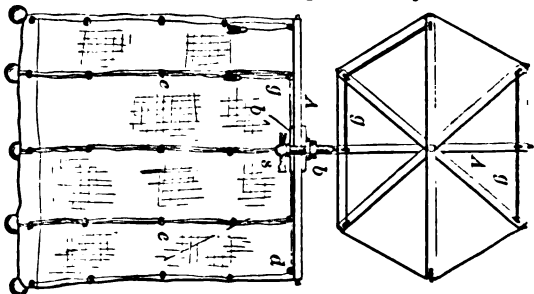
90017—P. N. J. Macabies—Boiler Feeder.



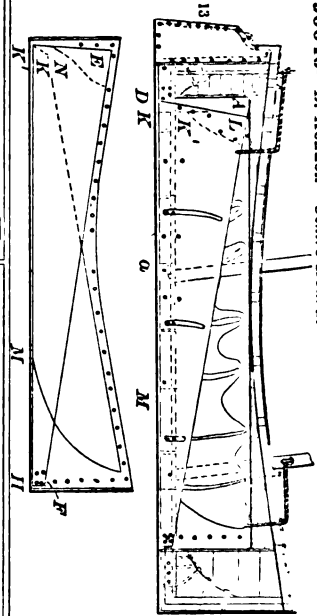
90049—F. H. Morgan—Boot and Shoe Heel.

90051—Z. Rogers—  
Air Inhaler.

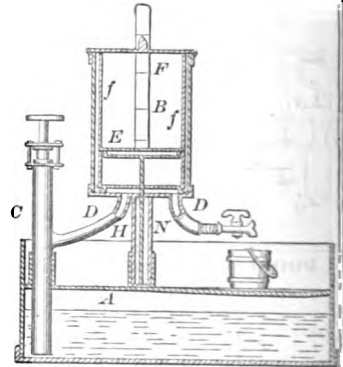
90050—A. M. Rodgers—Mosquito and Fly Net.



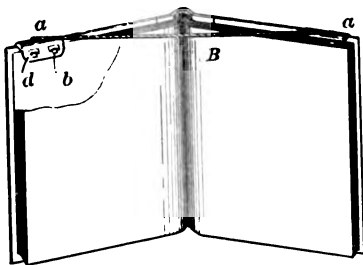
90046—B. Kennon—Centre Board.



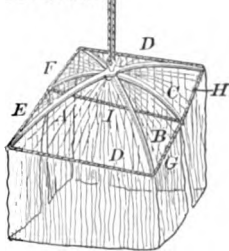
90044—J. S. Gold—Measuring Can.



90052—M. A. H. Saurman—Book Curb.



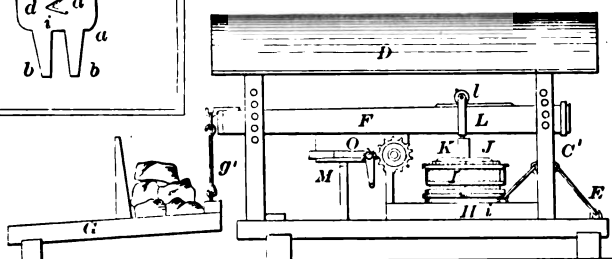
90054—H. Searle—Mosquito Bar Frame.



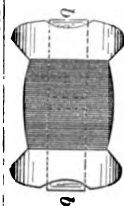
90055—W. S. & E. H. Shoemaker—Clothes Line Clamp.



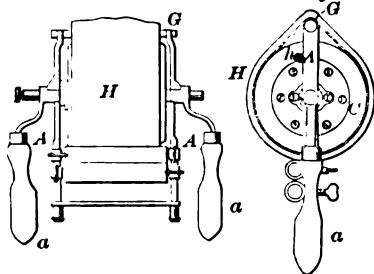
90053—J. Scholer—Wine and Cider Press.



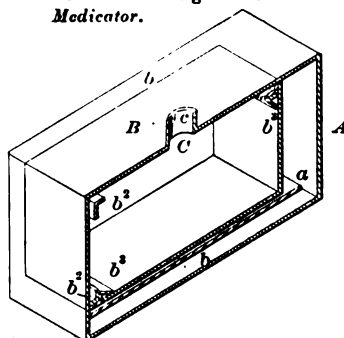
90059—Westhead & James—Sewing Package.



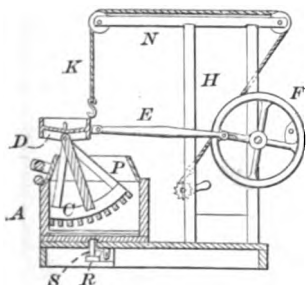
90056—W. H. Smith—Graining Machine.



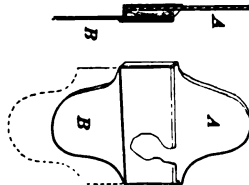
90058—I. R. Weisiger—Dermatic Medicator.



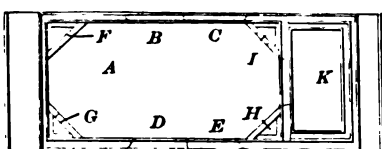
90061—H. H. Waters—Washing Machine.

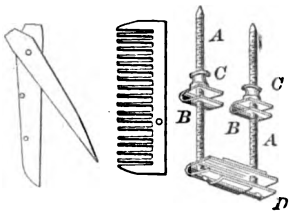
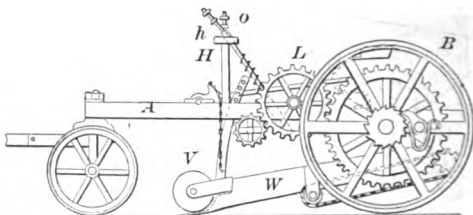
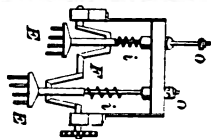
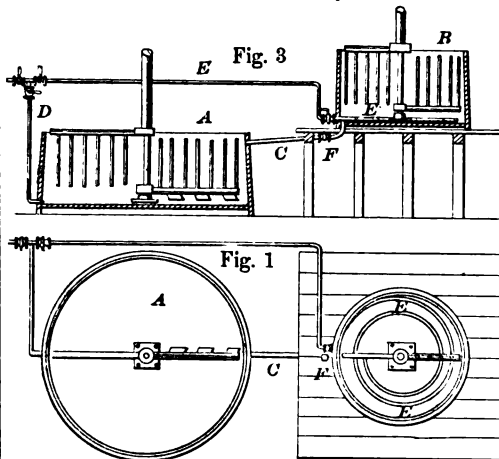
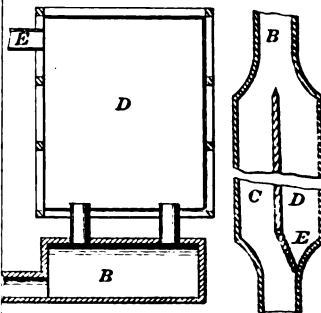
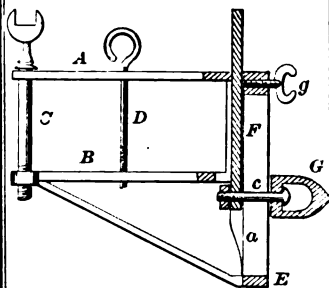
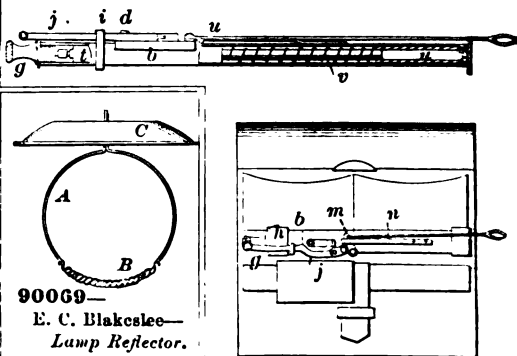
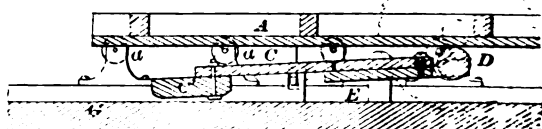
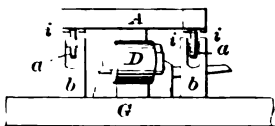


90062—J. F. Adams—Gold Leaf Condenser.

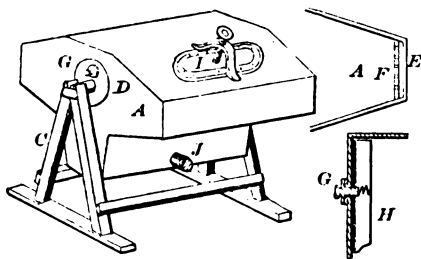


90060—D. Fitzgerald—Railway Car.

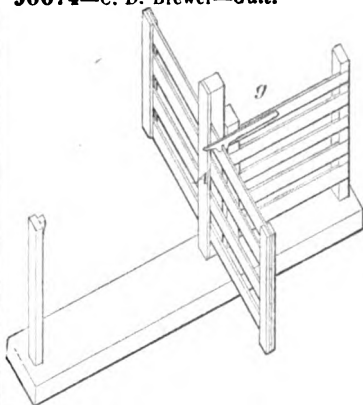


**90063—J. H. Atkinson—Comb and Shears.****90065—O. W. Baldwin—Potato Digger.****90066—N. Bauman—For Brewing.****90067—Bigelow & Baldwin—For Purifying Waste Gases.****90068—J. A. Bilz—Plow Clevis.****90070—Blodgett & Weatherby—Pocket Book Alarm.****90069—E. C. Blakeslee—Lamp Reflector.****90071—H. C. Boardman—Log Sawing Machine.**

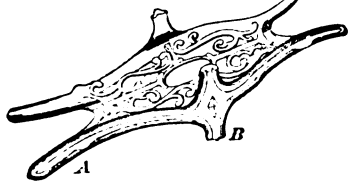
90072—F. W. Born—*Washing Machine.*



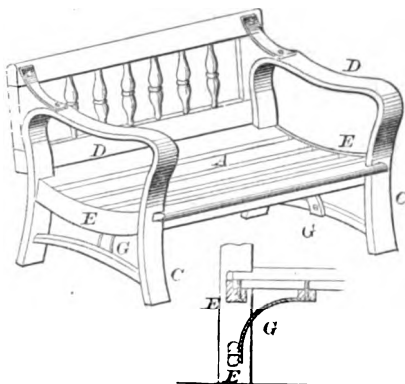
90074—C. D. Brewer—*Gate.*



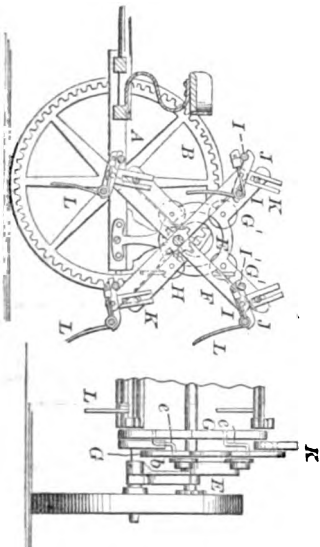
90076—E. L. Brown—*Bootjack.*



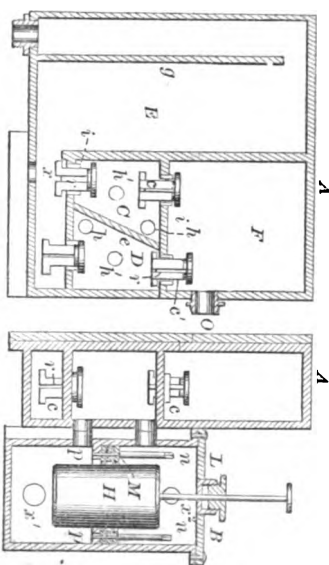
90078—W. Chase—*Settee.*



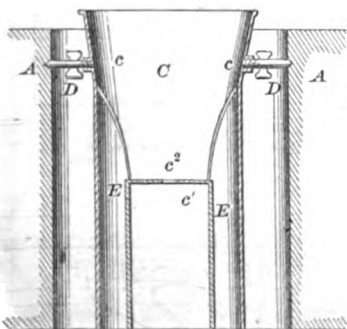
90077—W. H. Butterworth—*Hay Spreader.*



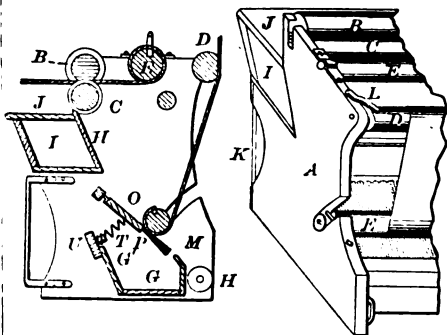
90080—W. H. T. Clark—*Pump.*



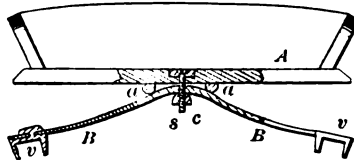
90079—A. W. Clapper—*Feed Regulator.*



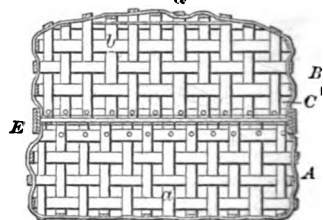
90081—L. Cline—For Hanging Wall Paper.



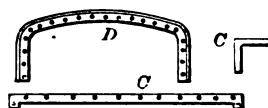
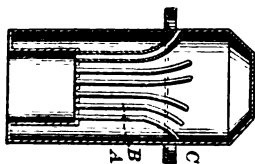
90082—T. De Kimp—Wagon Seat.



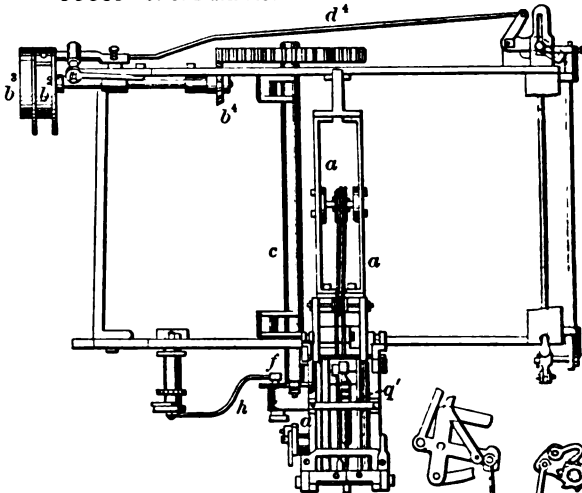
90088—C. D. Flynt—Trunk.



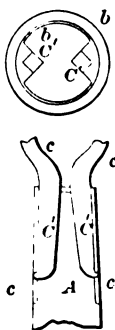
90083—A. Demarce—Steam Generator.



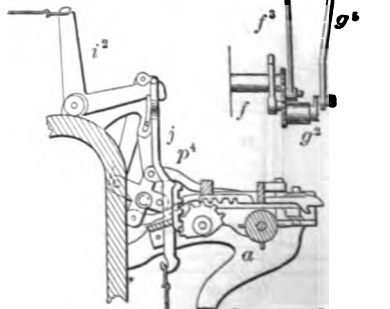
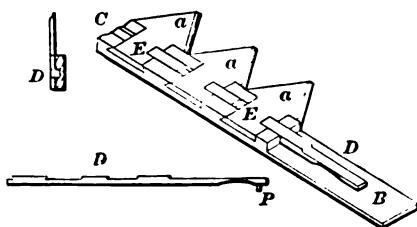
90085—J. C. Duckworth—Power Loom.



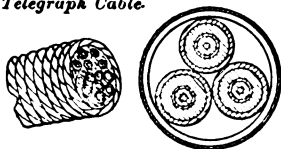
90087—G. B. Flint—Manure and Hay Fork.



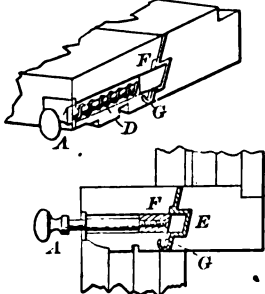
90086—G. L. Du Lancy—Harvester Cutter.



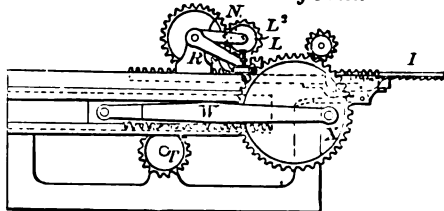
**90089**—A. Foucant—*Submarine Telegraph Cable.*



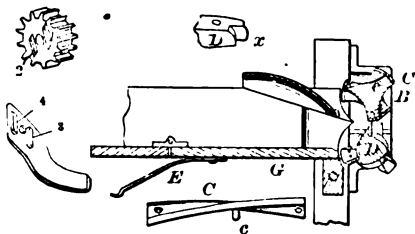
**90092**—L. D. Gould—*Window Fastener.*



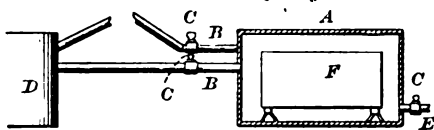
**90091**—G. P. Gordon—*Printing Press.*



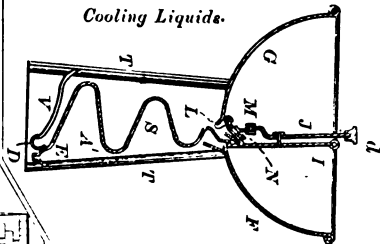
**90090**—W. Gale—*Straw Cutter.*



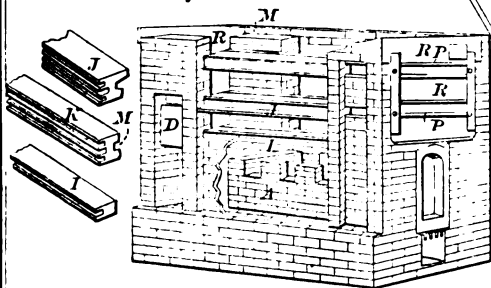
**90093**—E. H. Grant—*Tempering Metals.*



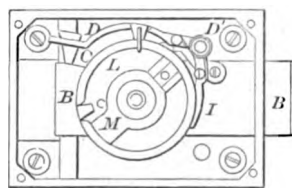
**90094**—Greenlee & Redfield—*For Cooling Liquids.*



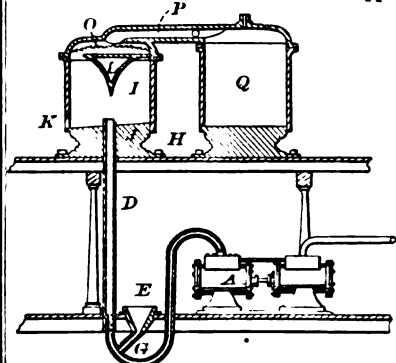
**90095**—J. Gwynn—*Furnace.*



**90096**—W. Hall—*Lock.*



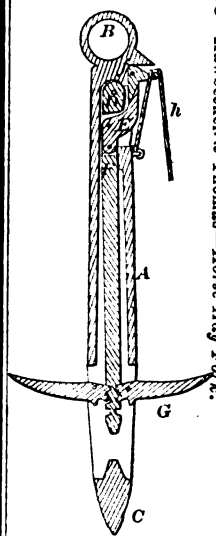
**90097**—M. Hanford—*Bone Black Apparatus.*



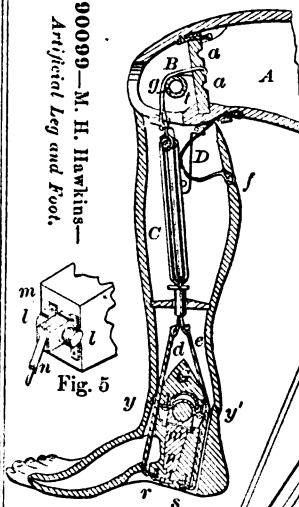
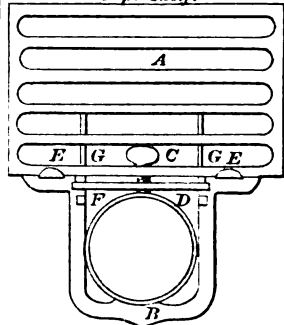
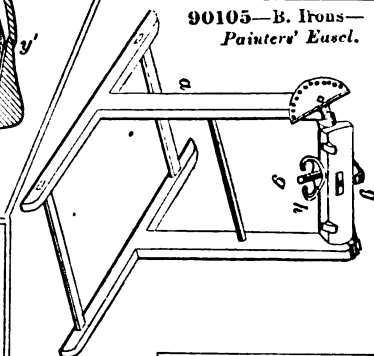
**90101**—E. N. Hillsgrove—*Ox Yoke.*



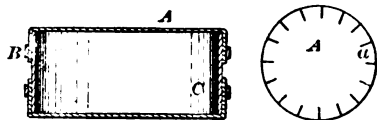
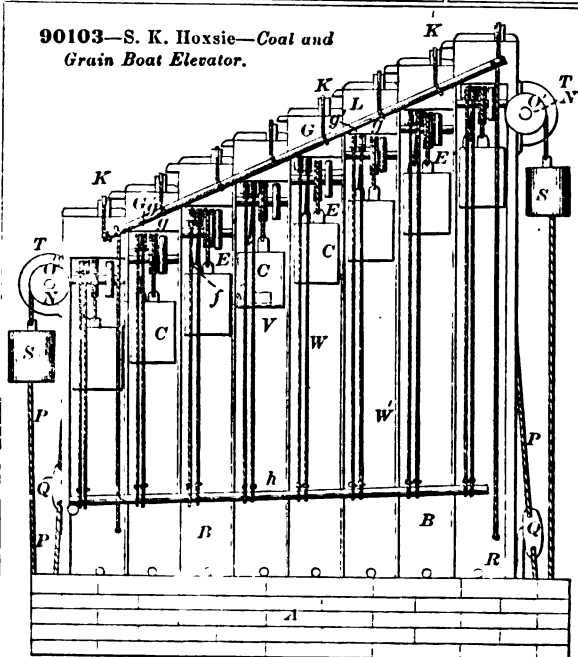
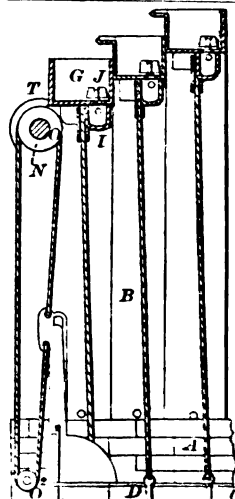
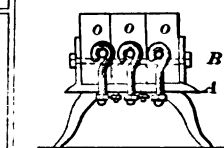




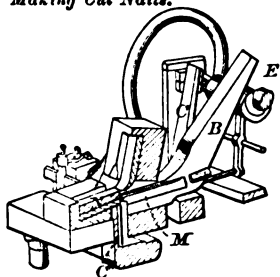
90098—Hawbecker &amp; Thomas—Horse Hay Fork.

90099—M. H. Hawkins—  
Artificial Leg and Foot.90102—N. H. Howard—Stove  
Pipe Shelf.90105—B. Irons—  
Painters' Easel.

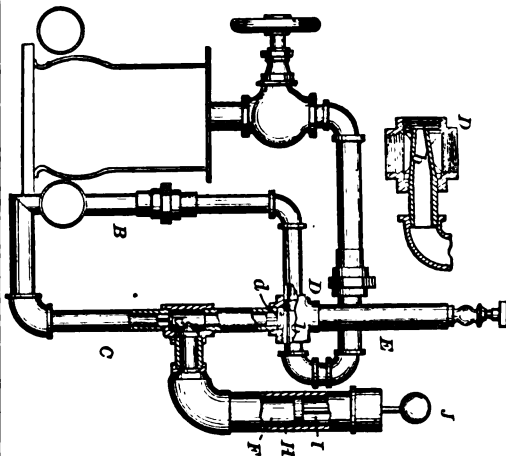
90107—V. P. Kimball—Cheese Box.

90103—S. K. Hossie—Coal and  
Grain Boat Elevator.90104—L. H. Ives—  
Meat Block.

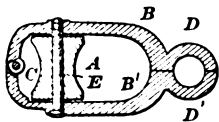
**90108—J. B. Kingham—For Making Cut Nails.**



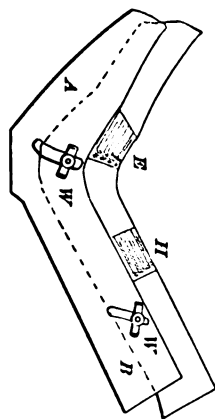
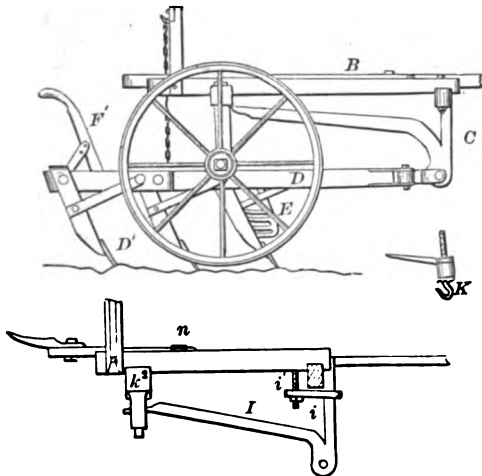
**90110—D. Lee—Steam Engine.**



**90113—McKay & Bayley—Sail Hank.**

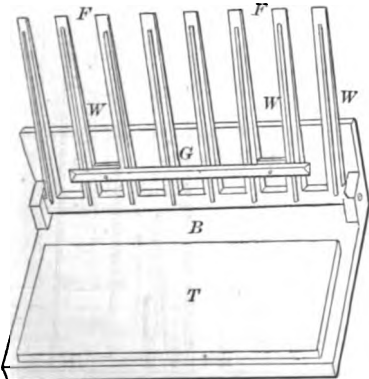


**90112—J. McIlvain—Cultivator.**

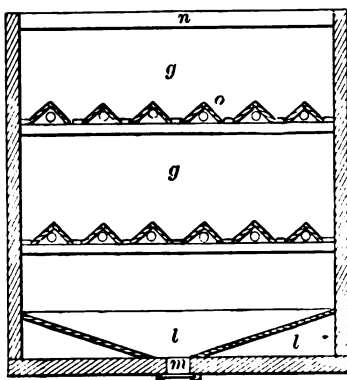


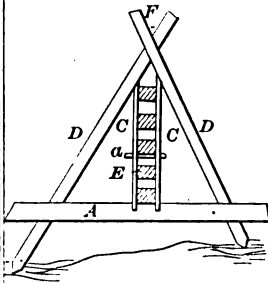
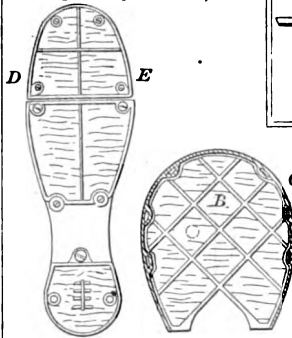
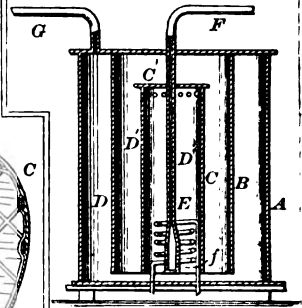
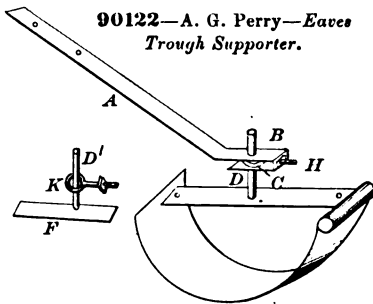
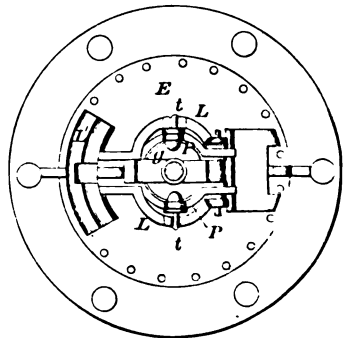
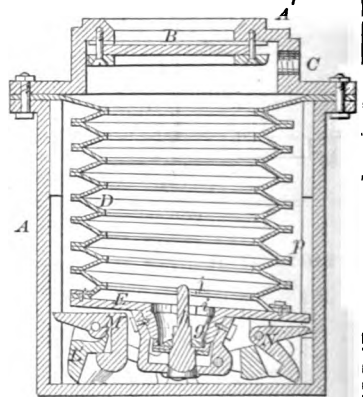
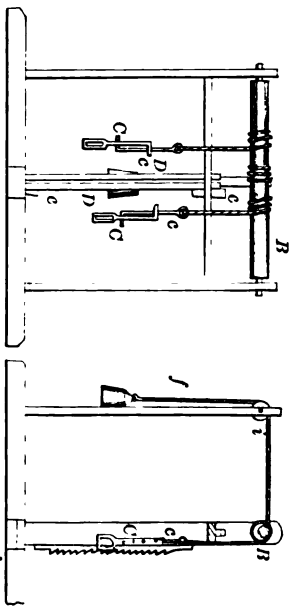
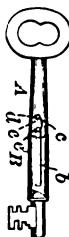
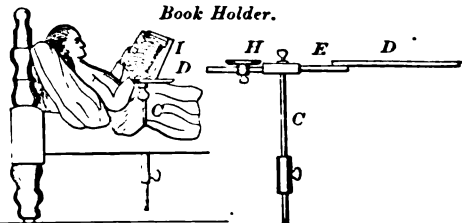
**90115—M. Meade—Boot and Shoe Pattern.**

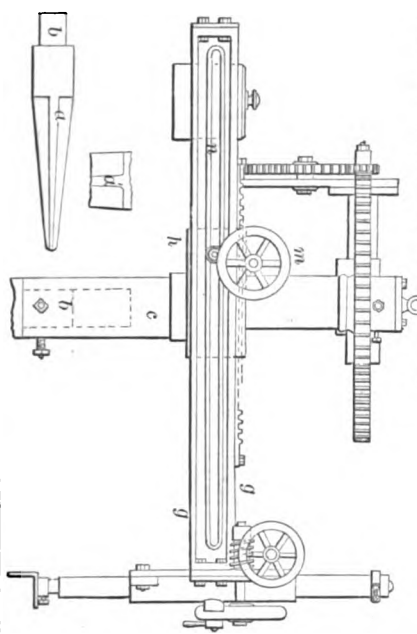
**90114—T. H. Mead—Fly Frame for Printing Presses.**



**90116—C. W. Mills—Grain Bin.**

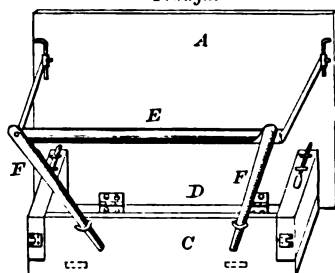


**90117**—T. Nevison—*Fence.***90118**—E. Osgood—*Compound for Shoes, &c.***90120**—P. M. Papiu—*For Ageing Spirits.***90119**—O. Paddock—*Button.***90122**—A. G. Perry—*Eaves Trough Supporter.***90123**—T. Poore—*Fluid Meter.***90125**—Robinson & Silver—*Saw Filing Machine.***90121**—E. Parker—*Key.***90124**—Probeck & Corlett—*Invalid Table and Book Holder.*

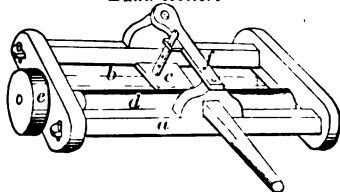


90126—G. L. Scott—For Mounting Pulleys.

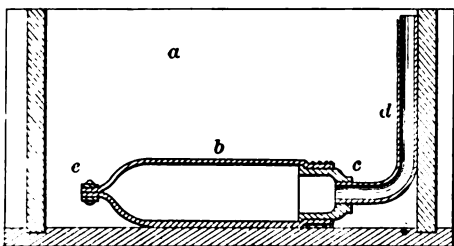
90129—W. N. Shellabarger—Feed Trough.



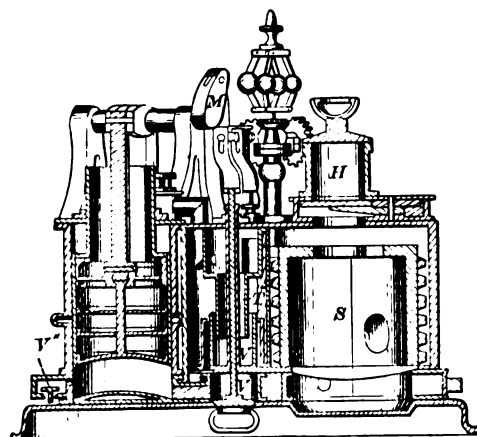
90131—Staats, Schwanke & Stadler—Land Roller.



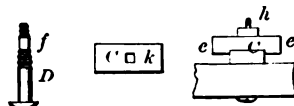
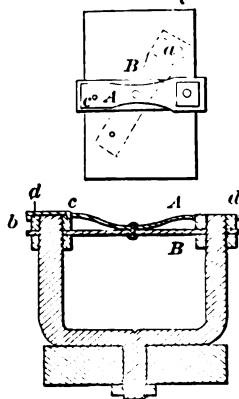
90127—T. Shaw—Water Heater.



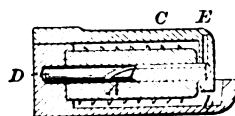
90128—T. Shaw—Hot Air Engine.

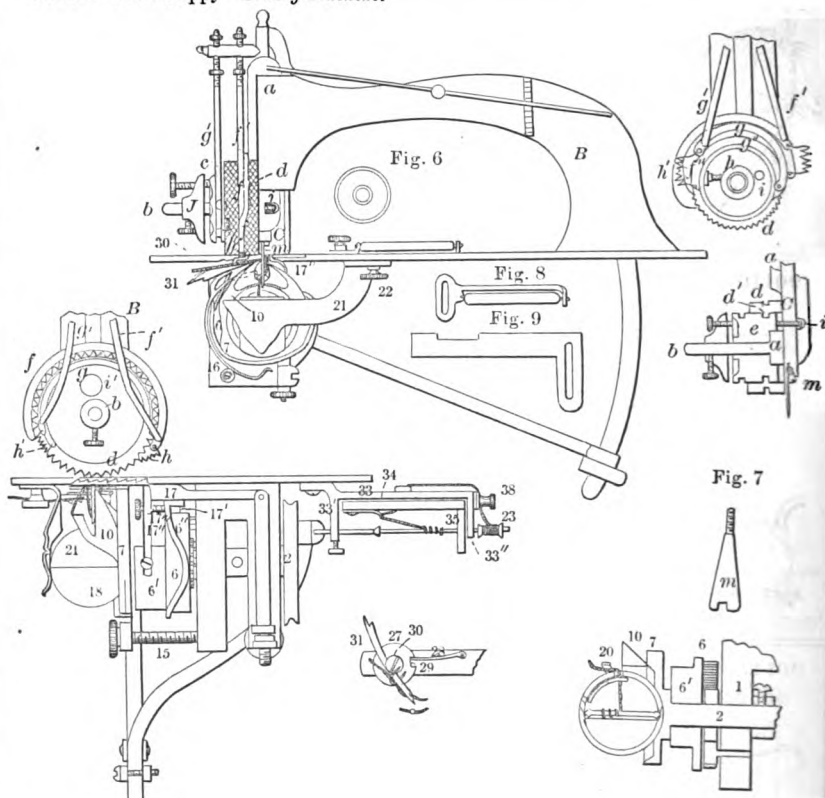
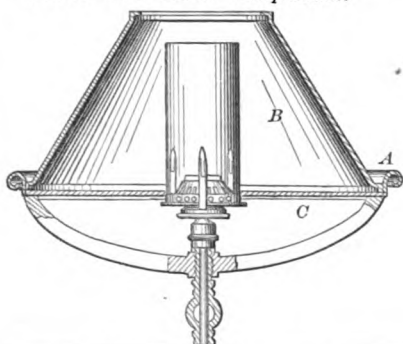
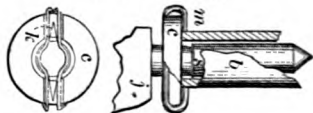
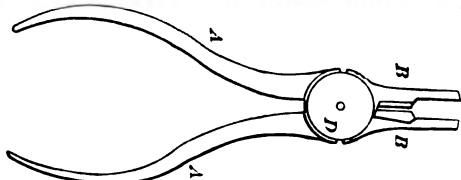
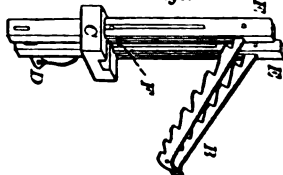


90132—G. C. Stamper—Nut Lock.

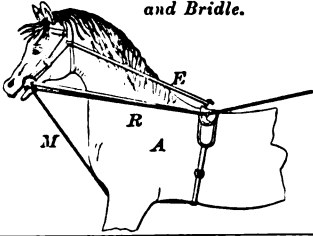


90133—E. S. Stimpson—For Lubricating Temples for Looms.

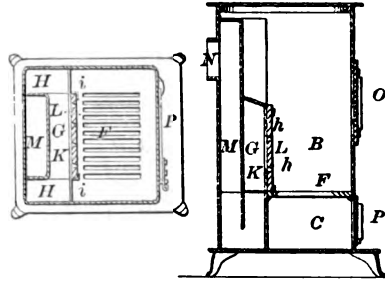


**90130—S. P. Sleppy—Sewing Machine.****90135—J. F. Travis—Lamp Shade.****90134—T. R. Timby—Umbrella Fastening.****90137—A. C. Twining—Detachable Caster Fixture.****90136—W. L. Truland—Cutting Pliers.****90138—W. V. Van Syckel—Fence Gauge.**

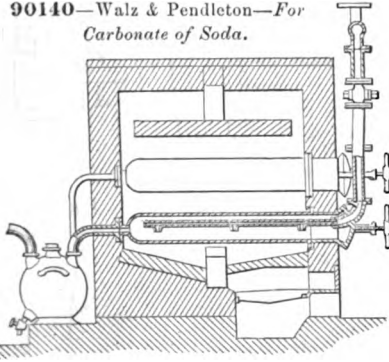
**90139**—W. H. Wall—*Driving Rein and Bridle.*



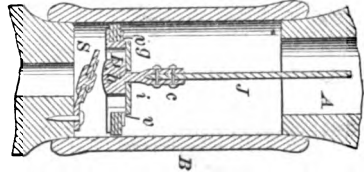
**90141**—D. Wells—*Store.*



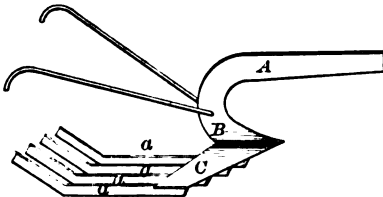
**90140**—Walz & Pendleton—*For Carbonate of Soda.*



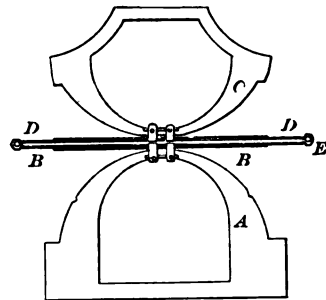
**90143**—P. Wineman—*Pump.*



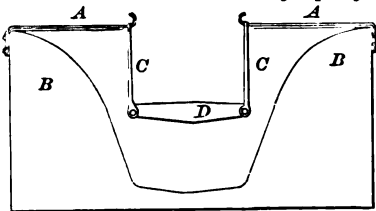
**90142**—Wheeler & Rouse—*Potato Digger.*



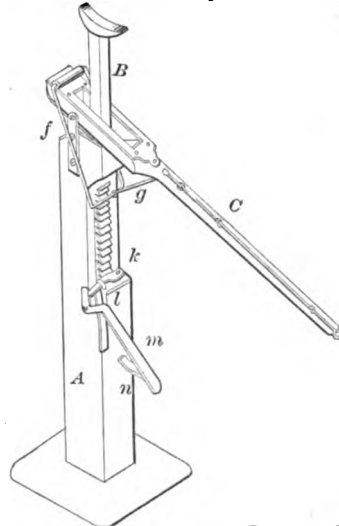
**90144**—A. E. Wolcott—*Carriage Spring*



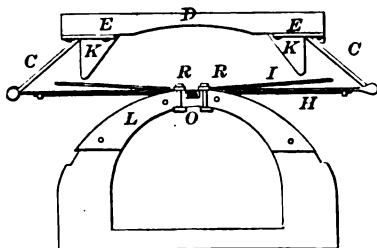
**90145**—A. E. Wolcott—*Carriage Spring.*

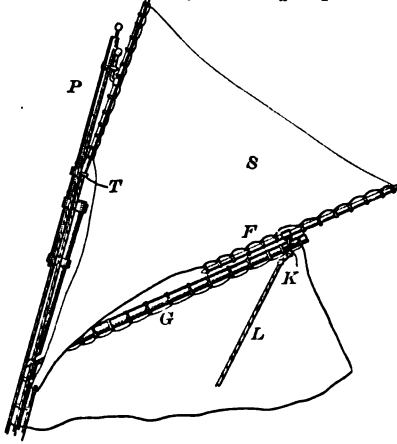
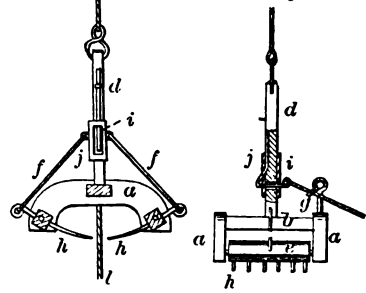
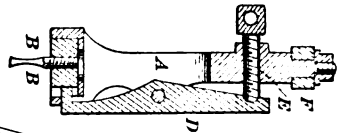
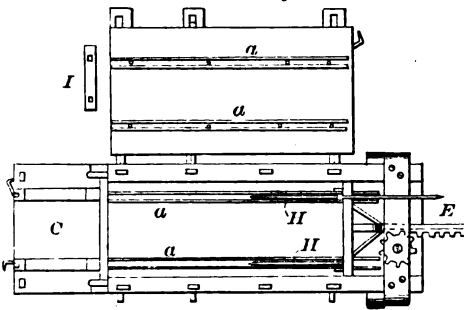
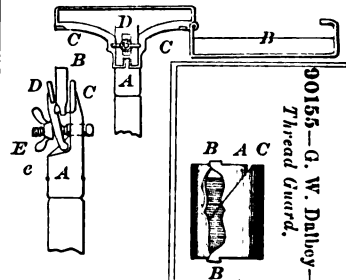
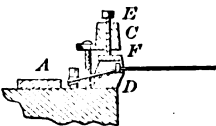
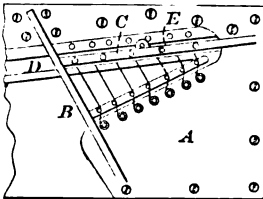
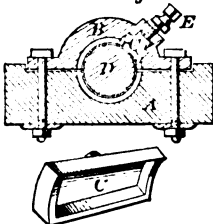
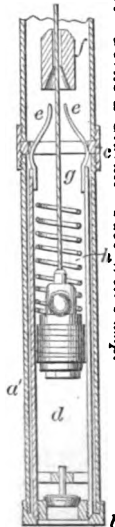
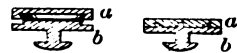
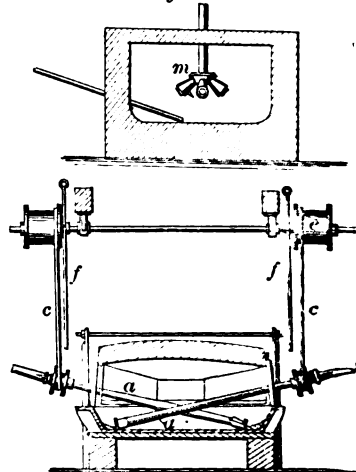


**90147**—J. Zeller—*Wagon Jack.*

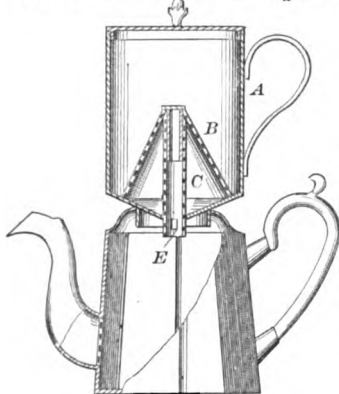


**90146**—A. E. Wolcott—*Carriage Spring.*

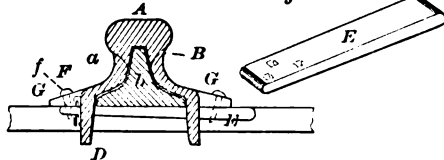


90148—C. Anthony—*For Gaff Top Sails.*90149—D. S. Bigler—*Horse Hay Fork.*90151—Bond & Wroath—*Screw Plate.*90152—A. P. Boren—*Baling Press.*90153—G. E. Brettell—*Mop Head.*90155—G. W. Dalley—*Thread Guard.*90150—Bloomfield & Otis—*Piano Forte.*90156—R. Daniels—*Shaft Bearing.*90157—Devis & Graym—*Tube Well Pump.*90154—W. Byron—*Ornamental Articles.*90158—P. A. Dormoy—*For Puddling Iron.*

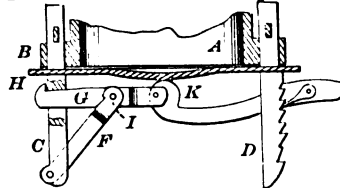
90159—W. C. C. Erskine—Coffee Pot.



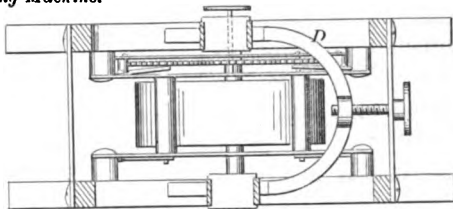
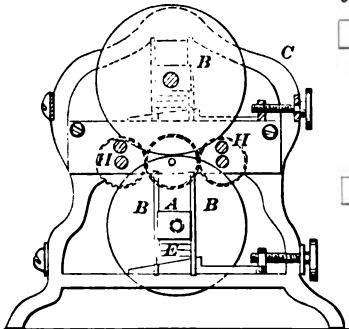
90161—G. P. Fuller—Railway Chair.



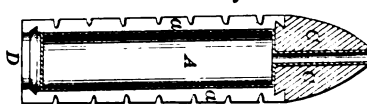
90162—A. Fulton—For Closing Gas Retorts.



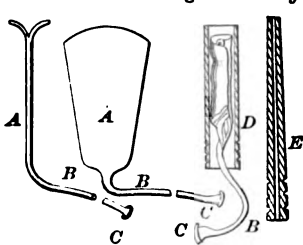
90163—T. Gamble—Saw Grinding Machine.



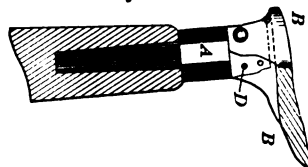
90164—T. D. Gibson—Projectile.



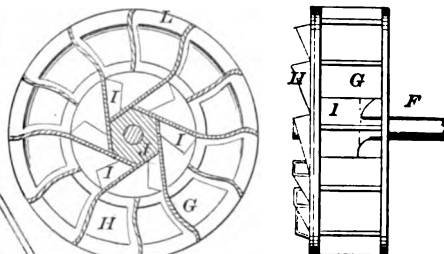
90166—C. R. Gorgas—Pessary.



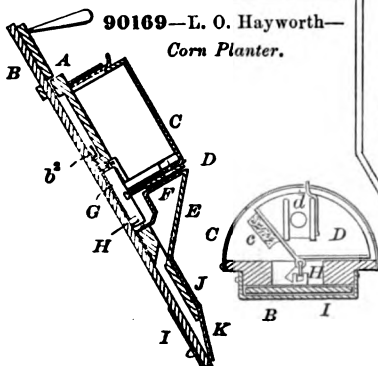
90165—J. Godfrey—Iron Last.



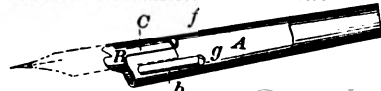
90167—T. G. Hall—Water Wheel.



90169—L. O. Hayworth—Corn Planter.

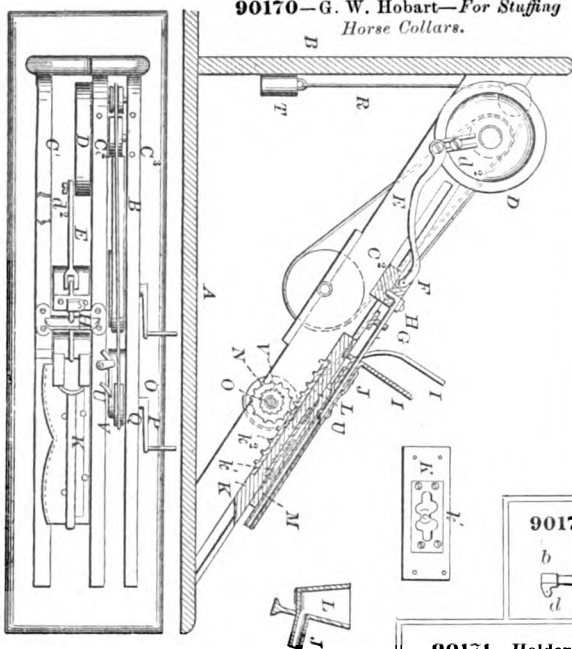


90168—G. Harrison—Pen Holder.

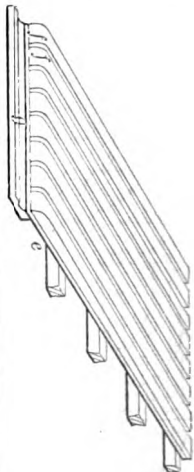




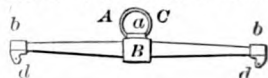
90170—G. W. Hobart—For Stuffing Horse Collars.



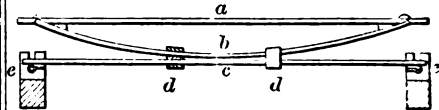
90172—J. Hollingsworth—Horse Stall Floor.



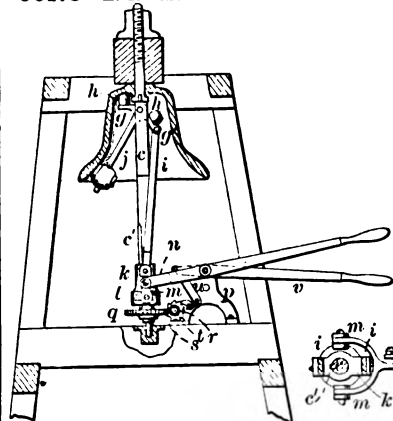
90174—W. Hull—Neck Yoke.



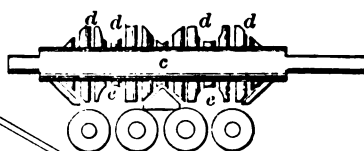
90171—Holden &amp; Brockett—Red Bottom.



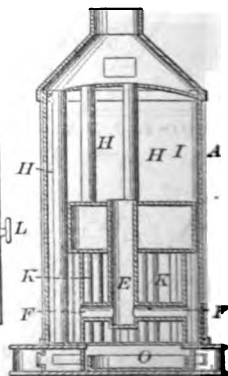
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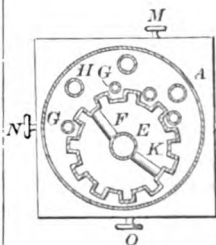
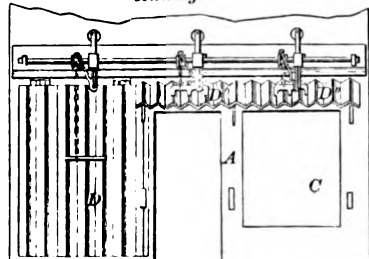
90175—W. D. Jones—Corn Husker.



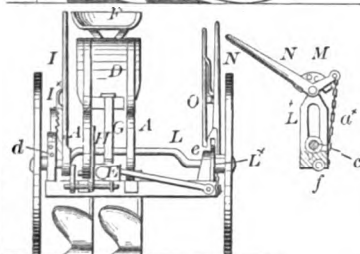
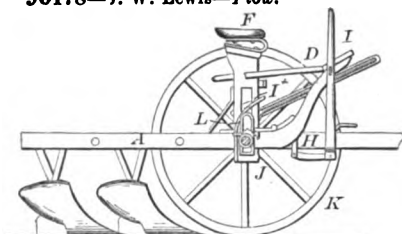
90176—J. L. Judge—Steam Heater.



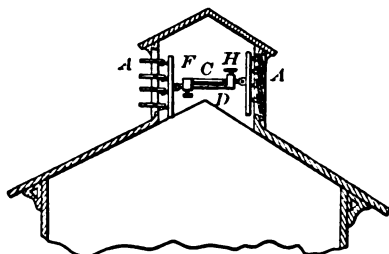
90177—R. D. King—Shutter and Awning.



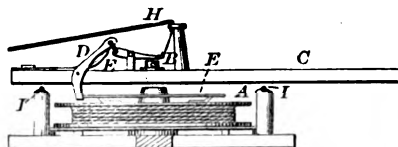
90178—J. W. Lewis—*Plow.*



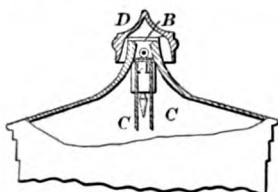
90180—M. E. Meade—*Ventilator.*



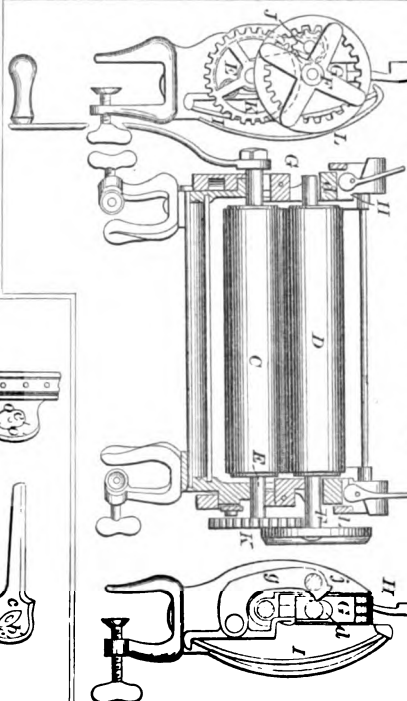
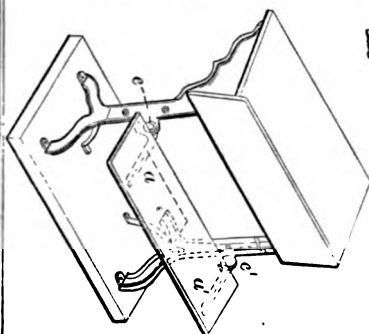
90182—Michaels & Croskey—*Horse Power.*



90181—T. J. Mell—*Cnr Ventilator.*

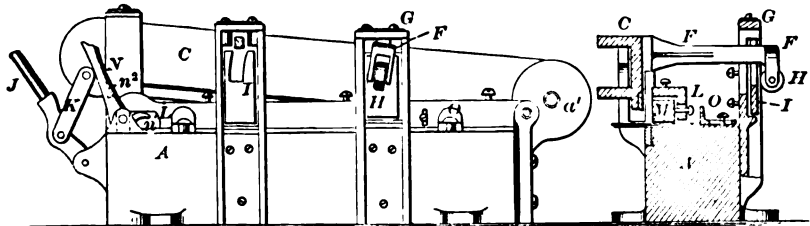


90183—D. H. Nation—*Seat.*

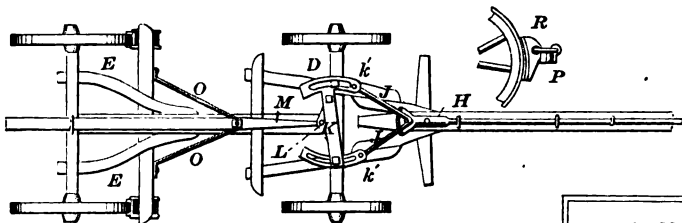
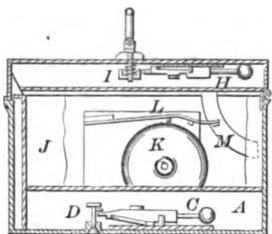
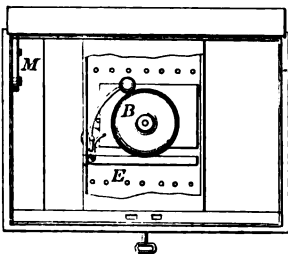
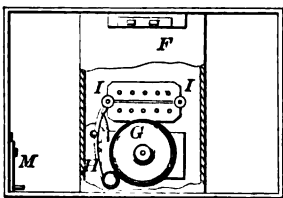
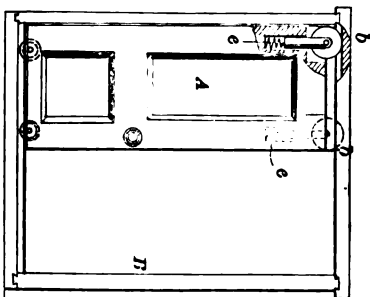
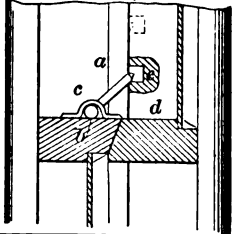
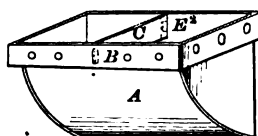


90185—S. W. & J. F. Palmer—*Clothes Wringer.*

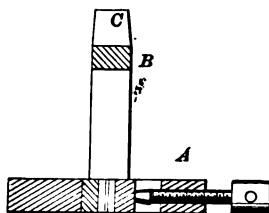
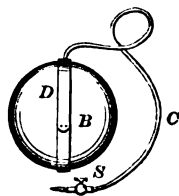
90184—J. Nichol—*Shears.*



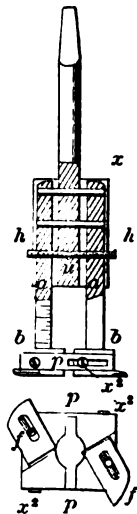
90186—A. Peirce—Wagon Brake.

90187—J. D. Perkins—Alarm  
Cash Box.90193—Prud'homme & Leprohon—  
Door.90188—C. Perley—Sash  
Fastening.90189—J. Pfitzinger—  
Elevator Bucket.

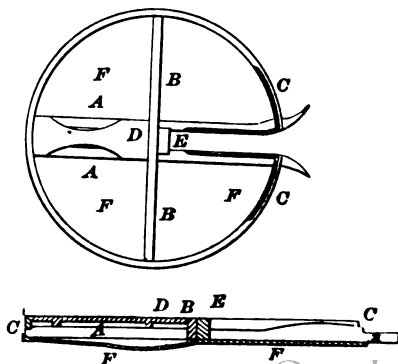
90190—A. Phinney—Die Holder.

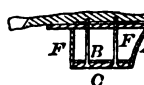
90191—M. F. Potter—  
Abdominal Supporter.

90195—H. J. Rickard—Auger.



90194—B. M. Quint—Fruit Protector.

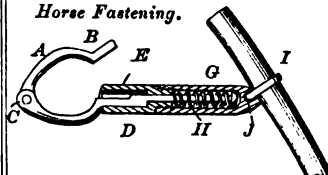




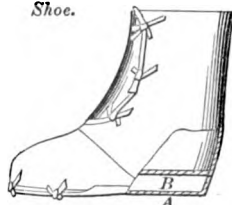
90192—M. H. Prescott—Heel.



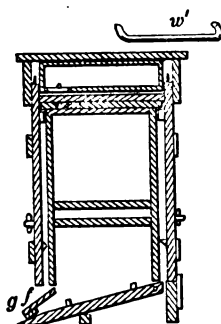
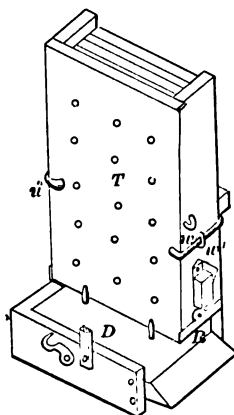
90196—Ricord & Scattergood—Horse Fastening.



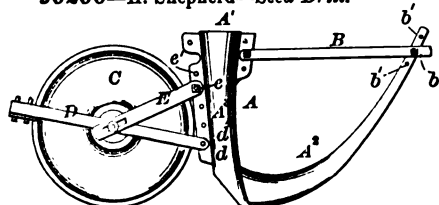
90197—W. Rogers—Heating Shoe.



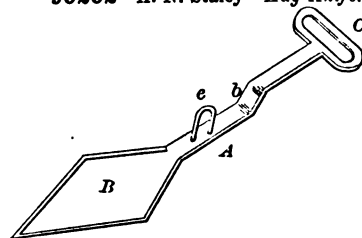
90199—N. B. Sebring—Beehive.



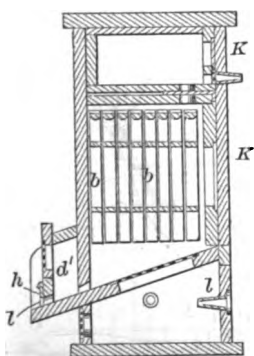
90200—H. Shepherd—Seed Drill.



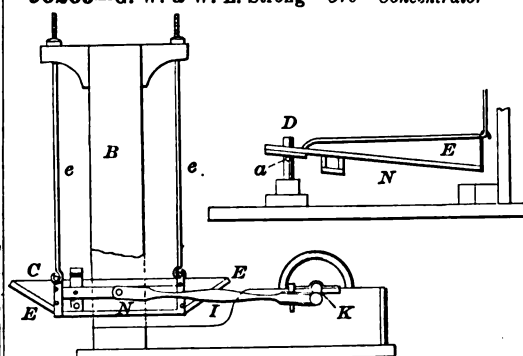
90202—A. N. Staley—Hay Knife.



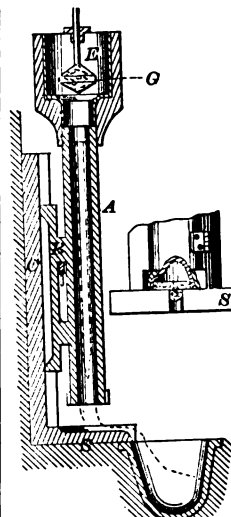
90203—R. P. Starbuck—Beehive.

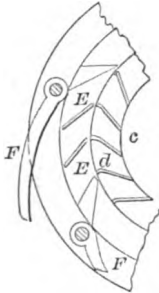
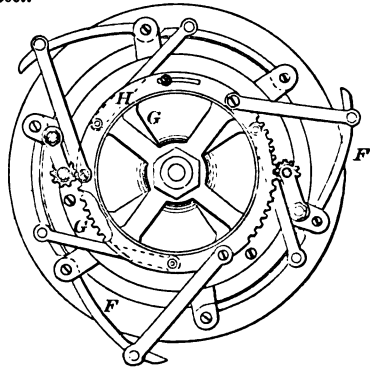
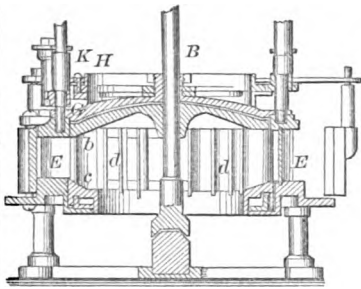
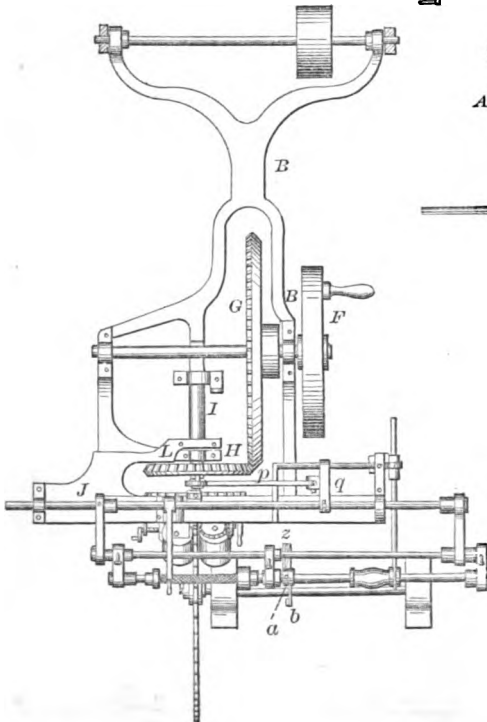
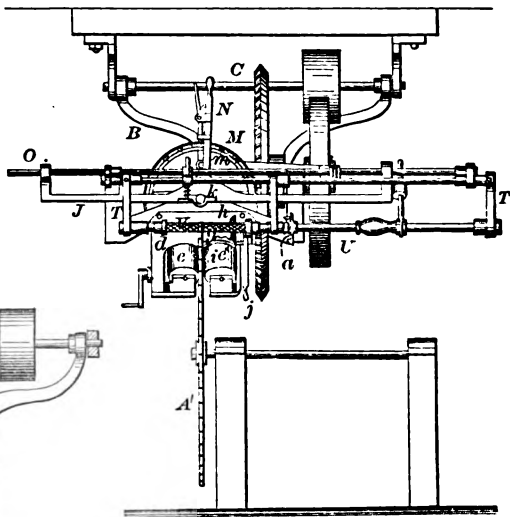
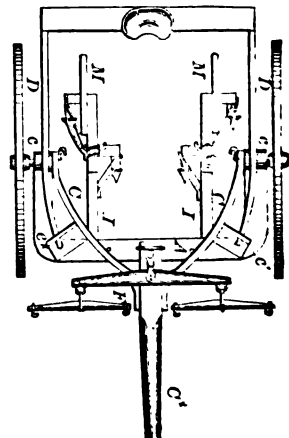


90205—G. W. & W. L. Strong—Ore - Concentrator

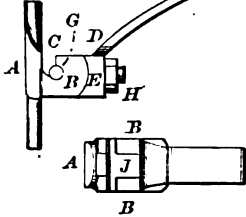


90201—J. J. C. Smith—Cutting Metal Pipes.



**90204—G. C. & J. F. Stevens—Water Wheel.****90207—A. Thompson—Saw Filing Machine.****90208—H. Van Meter—Cultivator.**

**90206**—C. E. Sweeney—*Thill Coupling.*



**90209**—Waterman & Porter—*Attaching Roses to Door Knobs.*

Fig. 1

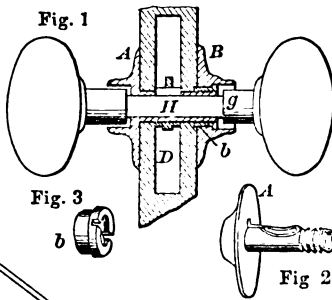
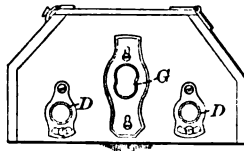
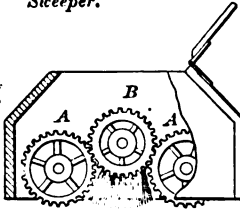


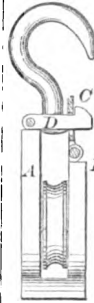
Fig. 3

Fig. 2

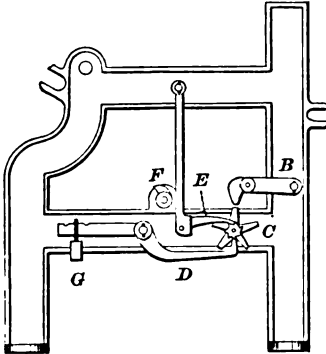
**90211**—O. H. Weed—*Carpet Sweeper.*



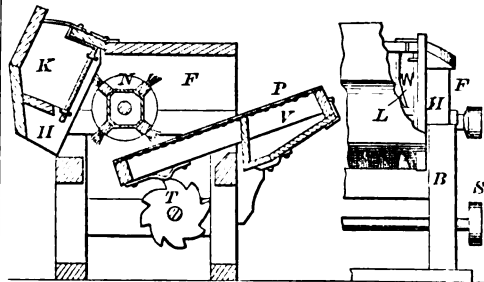
**90213**—H. O. Winsor—*Stitch Block.*



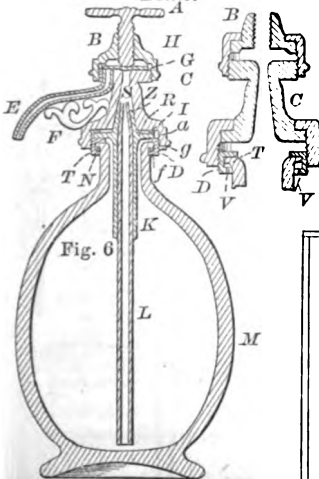
**90212**—W. Whiteside—*Loom.*



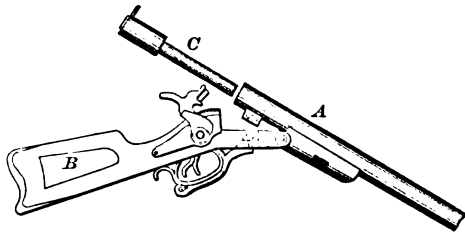
**90210**—J. W. Webb—*Cotton Gin.*



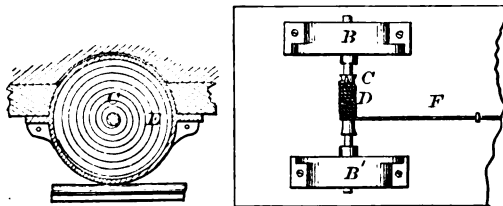
**90215**—J. B. Alexander—*Siphon Bottle.*



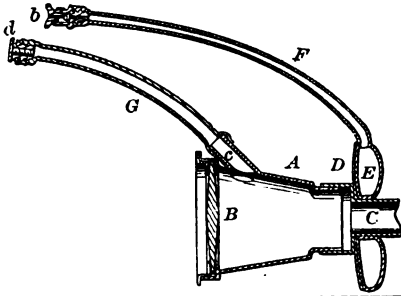
**90214**—F. Wohlgenuth—*Fire Arm.*



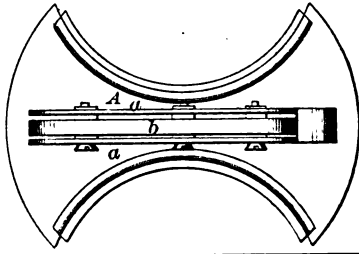
**90216**—W. P. Anderson—*Car Connection.*



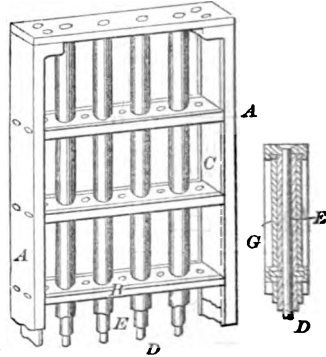
**90217—B. H. Aylworth—*Vaginal Speculum.***



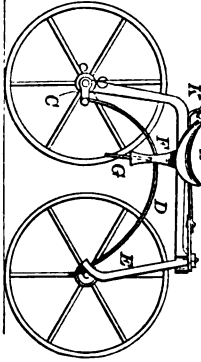
**90218—R. Bailey—For Stoves.**



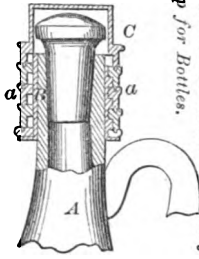
**90219—T. F. Baker—Prison  
Grating.**



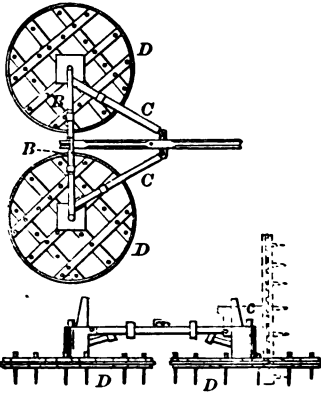
302220—Baldwin & Miller—*Velocipede*.  
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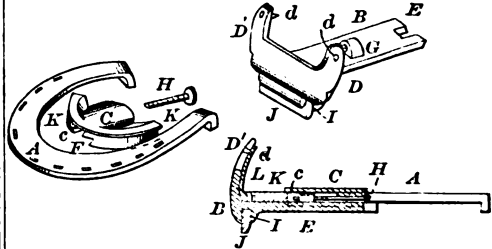
**90221—L. M. Ballard—Locking  
Cap for Bottles.**



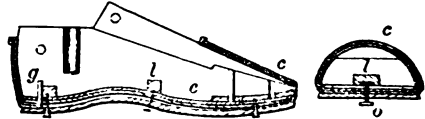
**90222—Bartholomew &  
Chapman—*Harrow.***



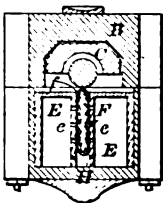
**90224—W. J. Berne—*Horse Shoe Calk.***



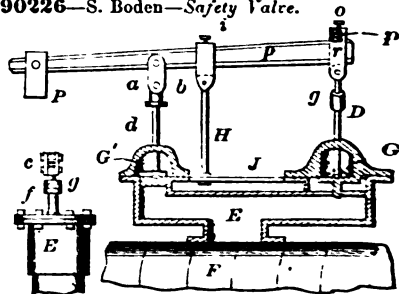
90225—L. R. Blake—*Boot and Shoe.*



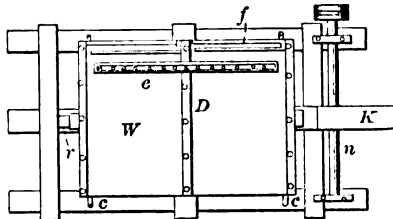
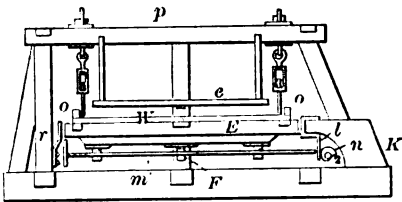
**90223—Bergner & Netzwow—  
Lubricator.**



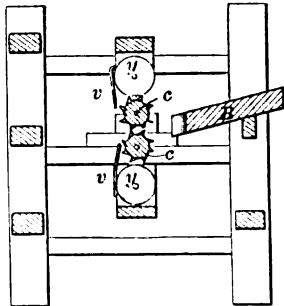
**90226**—S. Boden—*Safety Valve.*



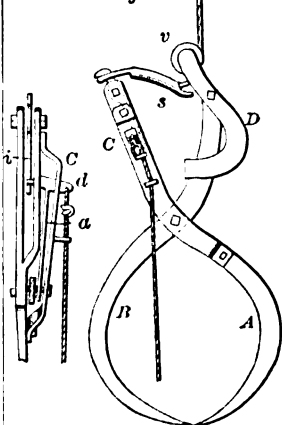
**90227**—R. Boehm—*Ore Washer.*



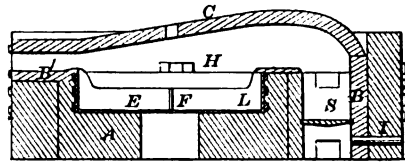
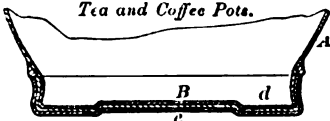
**90230**—D. Brookwalter—*Corn Husker.*



**90233**—A. S. Brown—*Horse Hay Fork.*

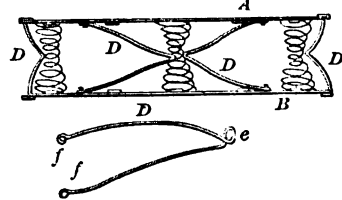


**90234**—Bullard & Holmes—*For Tea and Coffee Pots.*

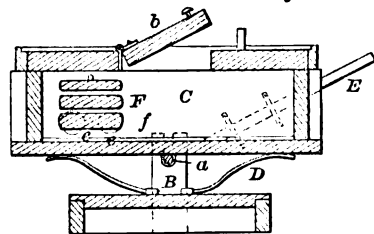


**90228**—R. Boehm—*Smelting Furnace.*

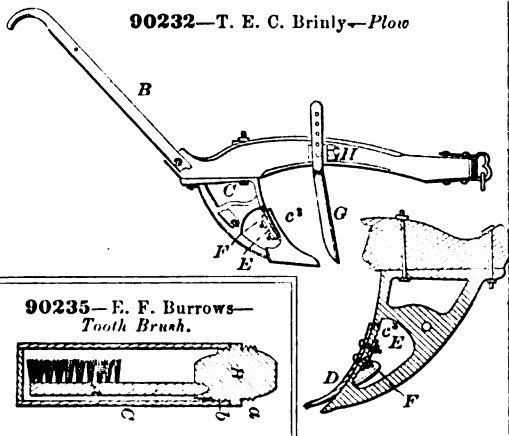
**90229**—H. D. Bolt—*Spring Bed Brace*



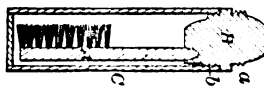
**90231**—G. Bradshaw—*Washing Machine.*



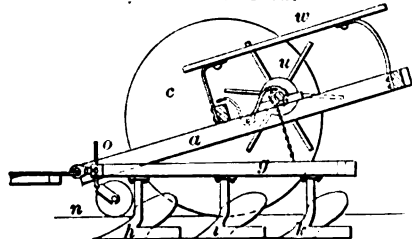
**90232**—T. E. C. Brinly—*Plow*



**90235**—E. F. Burrows—*Tooth Brush.*

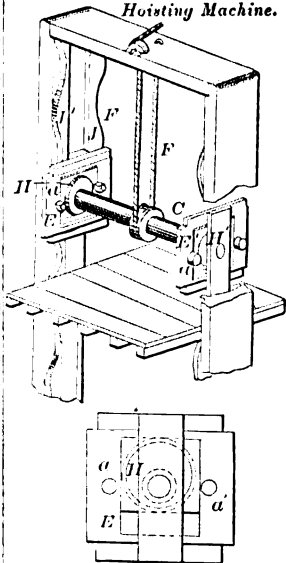


**90237**—G. R. Carter—*Plow.*

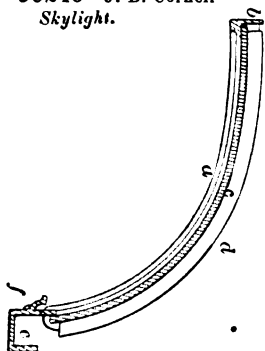




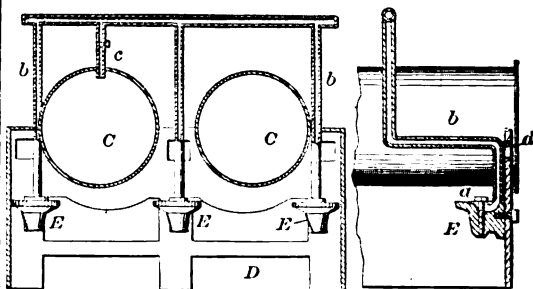
**90236**—M. K. Carpenter—*Hoisting Machine.*



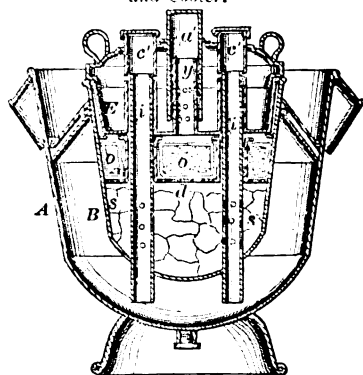
**90240**—J. B. Cornell—*Skylight.*



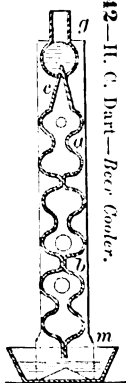
**90239**—E. S. Chase—*Saw Dust Burner.*



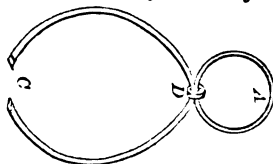
**90238**—J. A. Casey—*Water Purifier and Cooler.*



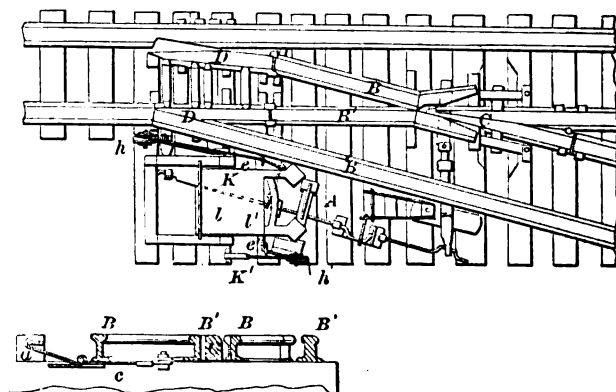
**90242**—H. C. Dart—*Rice Cooler.*



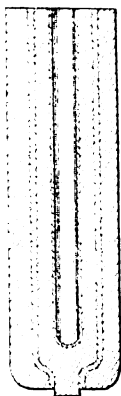
**90243**—A. Day—*Ice Tongs.*



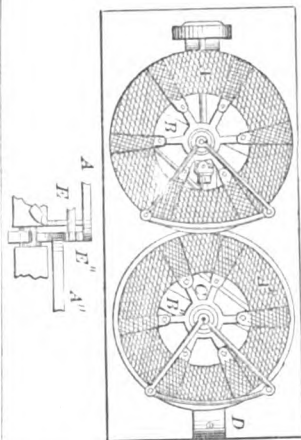
**90241**—T. Daly—*Railroad Switch and Signal.*



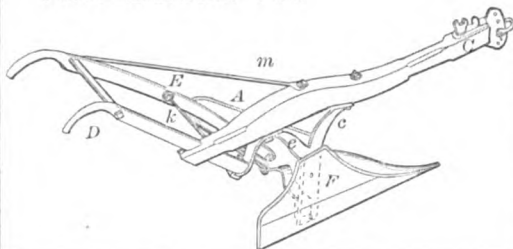
**90244**—S. B. Dean—*Ordnance.*



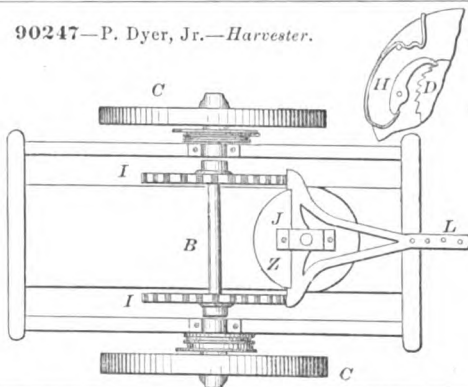
90245—J. G. Dillaha—  
*Horse Power.*



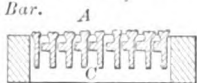
90246—H. B. Durfee—*Plow.*



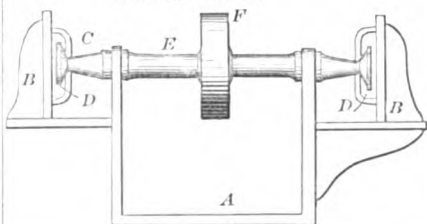
90247—P. Dyer, Jr.—*Harvester.*



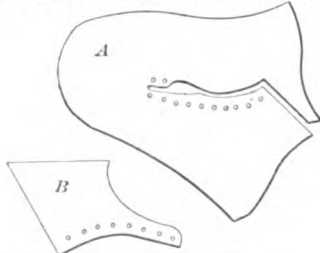
90248—G. A. Eyars—*Grate Bar.*



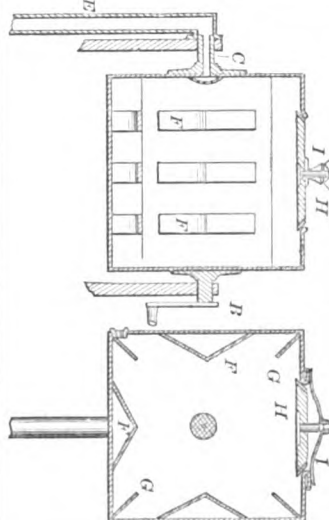
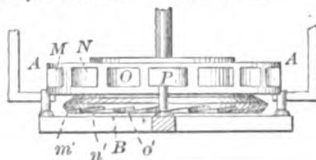
90249—D. Eynon—*For Removing Burrs from Railroad Chairs.*



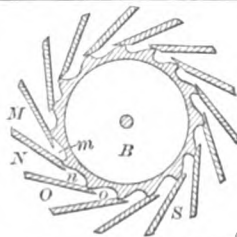
90252—J. A. French—*Shoe Pattern.*



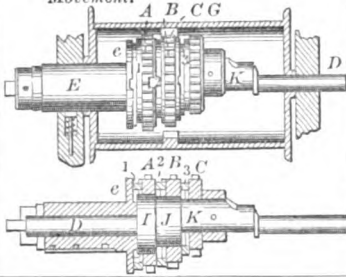
90251—Frary & Sherwin—*Water Wheel.*



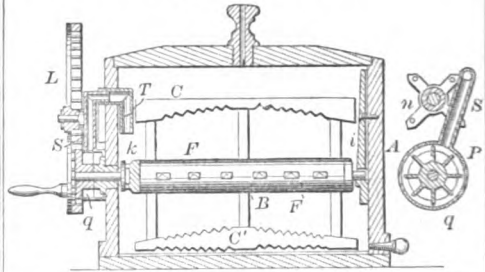
90250—J. Fanning—*Washing Machine.*



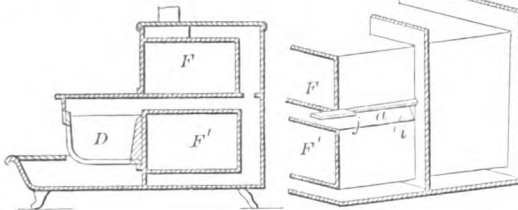
90254—E. E. Furney—*Mechanical Movement.*



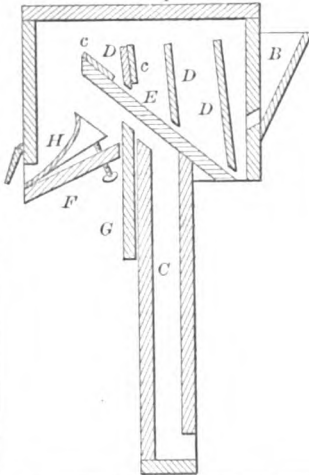
90255—Gallup & Hewitt—*Churn.*



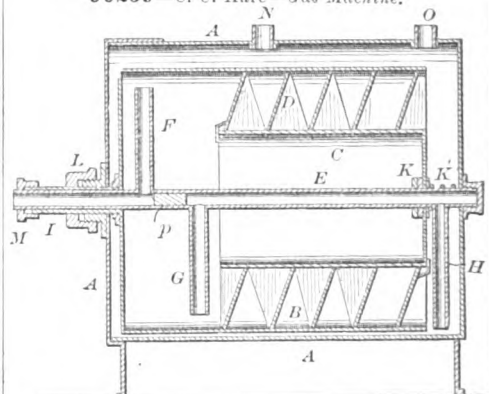
90258—C. Green—*Stove.*



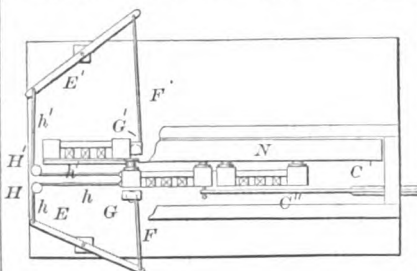
90260—G. F. Harlan—*Grain Separator.*



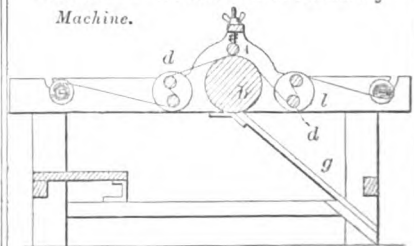
90259—C. C. Hare—*Gas Machine.*



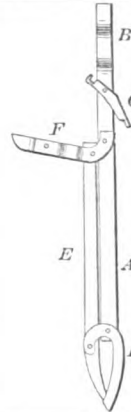
90261—H. P. Haskin—*Gate.*



90262—W. Hebdon—*Cloth Measuring Machine.*

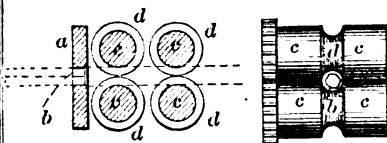


90256—J. A. Glenn—*Horse Hay Fork.*

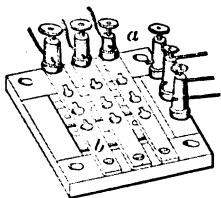




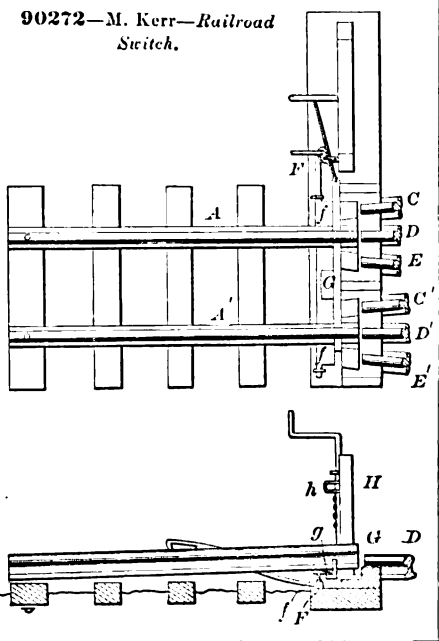
**90269—F. G. Jenkins—For Lead Pencils.**



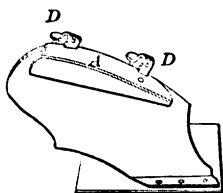
**90270—C. S. Jones—Telegraphic Switch Board.**



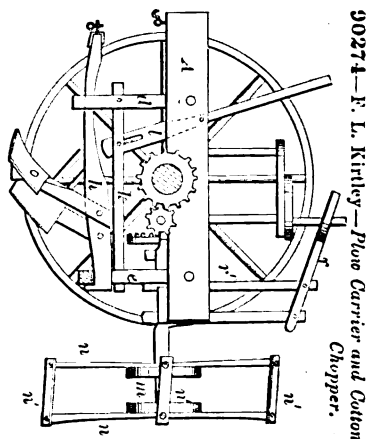
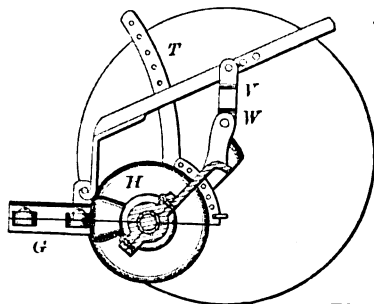
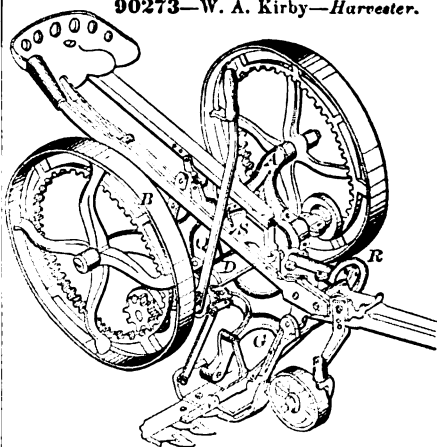
**90272—M. Kerr—Railroad Switch.**



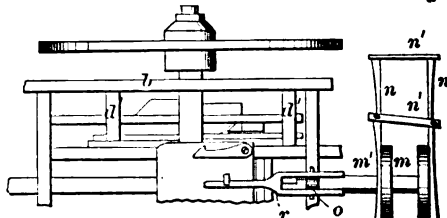
**90271—I. Kennedy—Plow.**



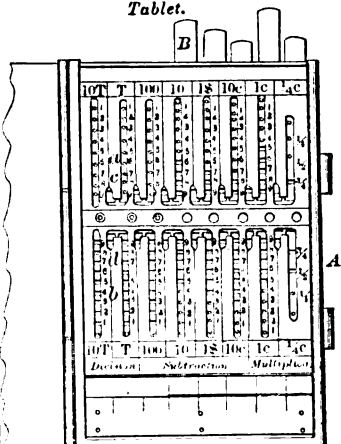
**90273—W. A. Kirby—Harvester.**



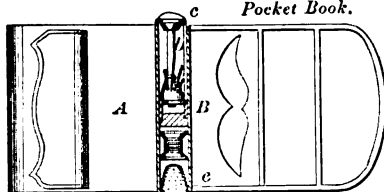
**90274—E. L. Kirtley—Phone Carrier and Cotton Chopper.**



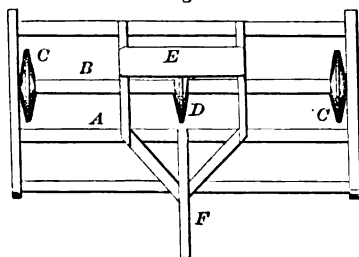
**90275**—H. Kummer—*Computing Tablet.*



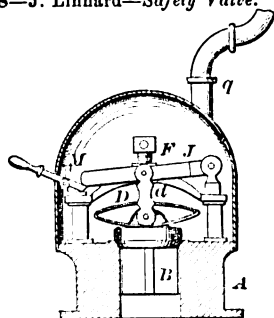
**90276**—P. W. Lambert—*Sewing Case and Pocket Book.*



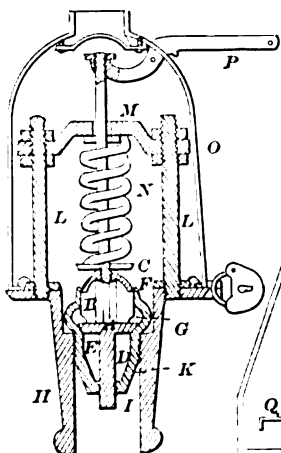
**90277**—S. P. Lionberger—*Ground Marker.*



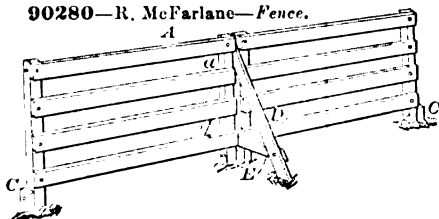
**90278**—J. Linnard—*Safety Valve.*



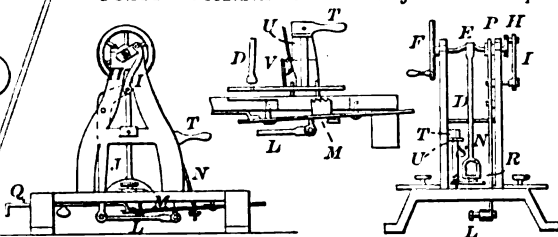
**90279**—J. D. Lynde—*Safety Valve.*



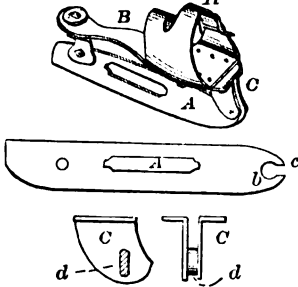
**90280**—R. McFarlane—*Fence.*



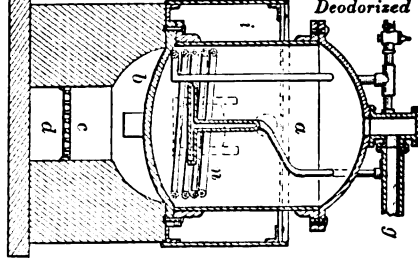
**90281**—J. Matheis—*For Punching Leather Straps.*



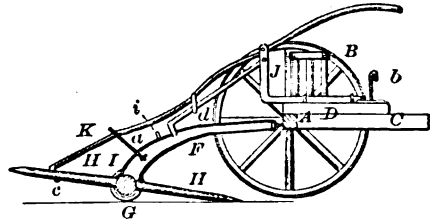
**90282—T. T. McGrath—Skate Runner. II**



**90284—J. Merrill—For Manufacturing Deodorized Oils.**



**90286—S. D. Milam—Horse Rake.**



**90283—M. Mac Kenzie—Key Hole Guard.**

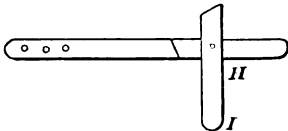
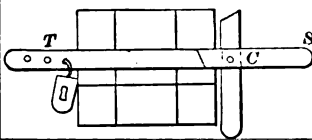
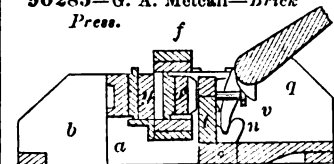


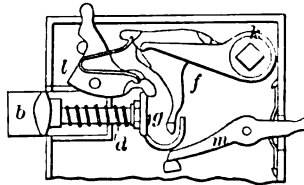
Plate 6



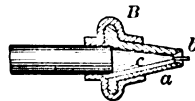
**90285—G. A. Metcalf—Brick Press.**



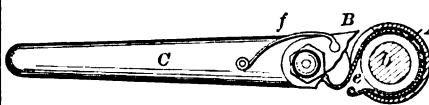
**90288—W. T. Munger—Latch.**



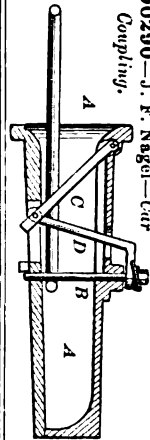
**90289—L. B. Myers—Pencil Sharpener.**



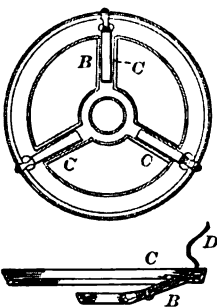
**90292—S. H. Ostrom—Hand Drill.**



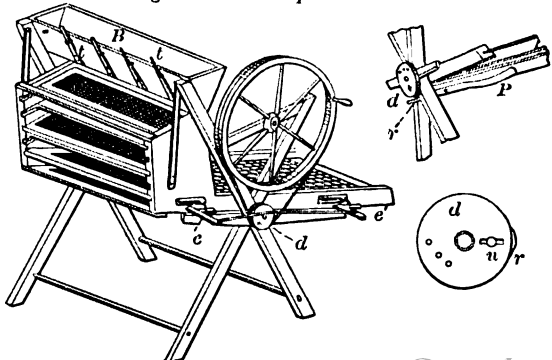
**90290—J. F. Nagel—Car Coupling.**

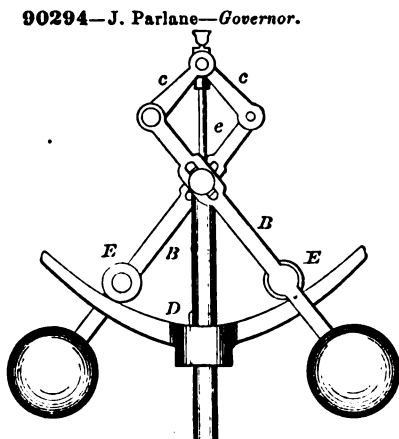
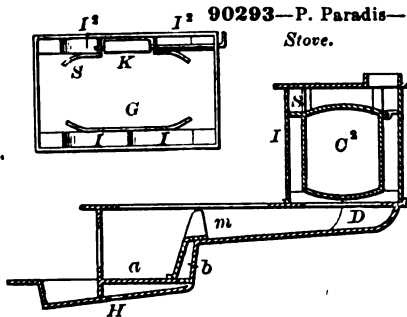


**90287—C. M. Mitchell—Lamp Shade Holder.**

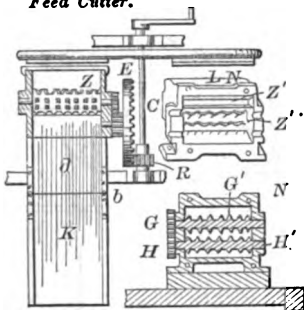


**90291—H. Ogborn—Grain Separator.**

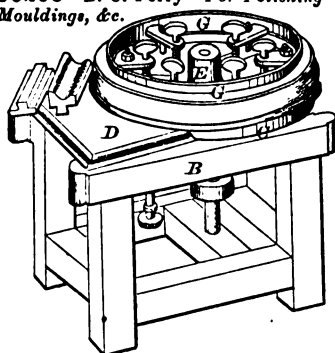




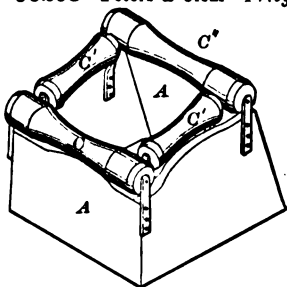
**90295—G. Pedersen—Straw and Feed Cutter.**



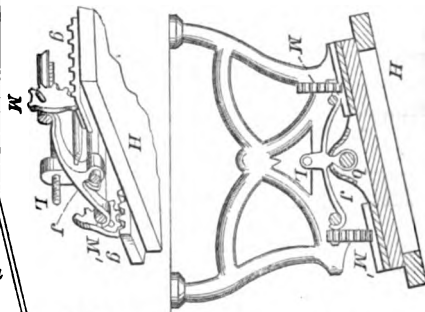
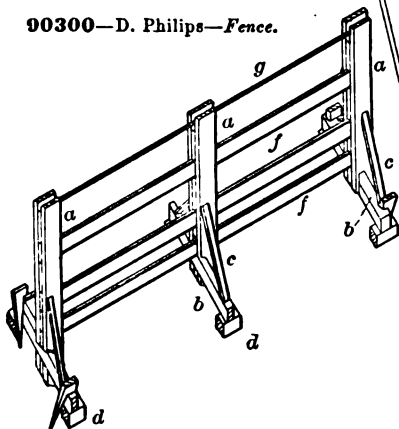
**90296—B. C. Perry—For Polishing Wood Mouldings, &c.**



**90298—Peters & Clem—Privy Seat.**

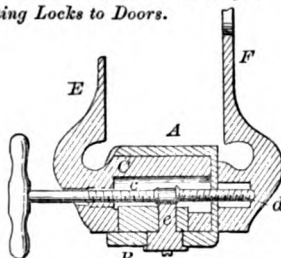


**90300—D. Philips—Fence.**

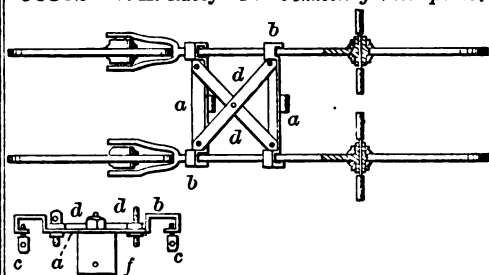
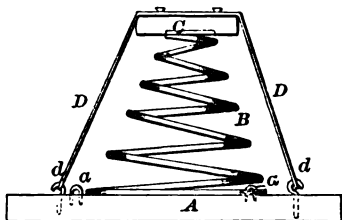
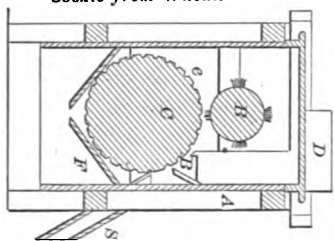
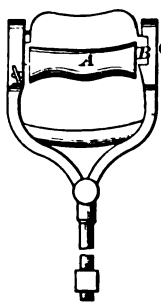
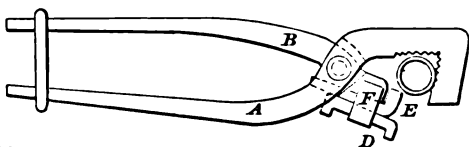
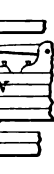
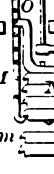
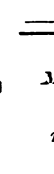
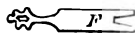
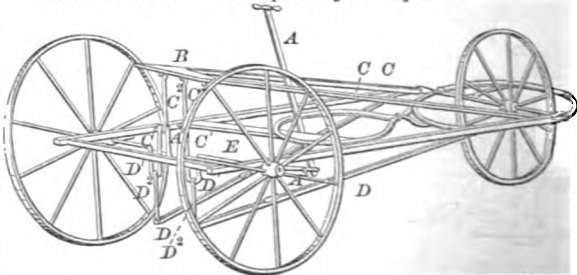
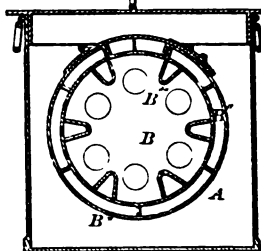


**90297—Perry & Billings—Car Seat.**

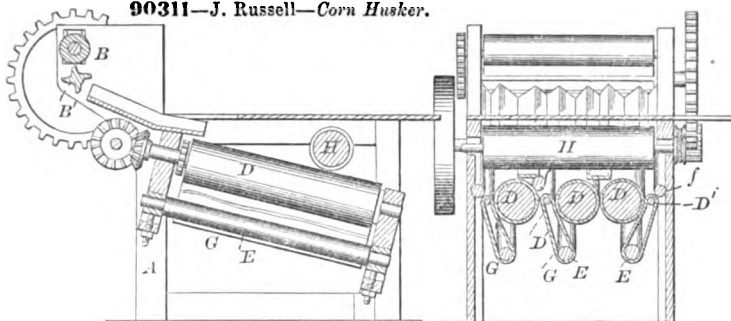
**90299—F. P. Pfeeghar—Guide for Fitting Locks to Doors.**



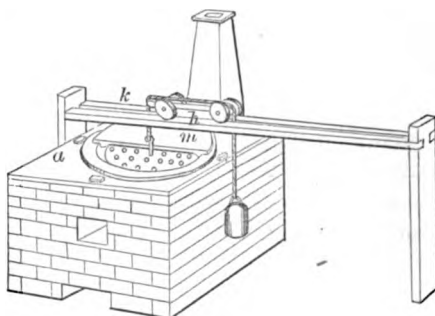


**90302—W. H. Racey—For Connecting Velocipedes.****90303—C. D. Read—Bed Bottom.****90306—G. H. Rich—For Separating Cockle from Wheat.****90307—B. Riley—Pipe Tongs.****90305—E. W. Reilly—Handle for Weight Lifting Apparatus.****90310—F. Rourk—For Operating Velocipedes.****90304—F. W. Reilly—Weight Lifting Apparatus.****90309—J. S. Ross—Washing Machine.**

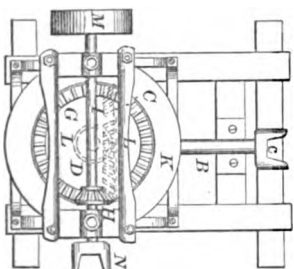
90311—J. Russell—Corn Husker.



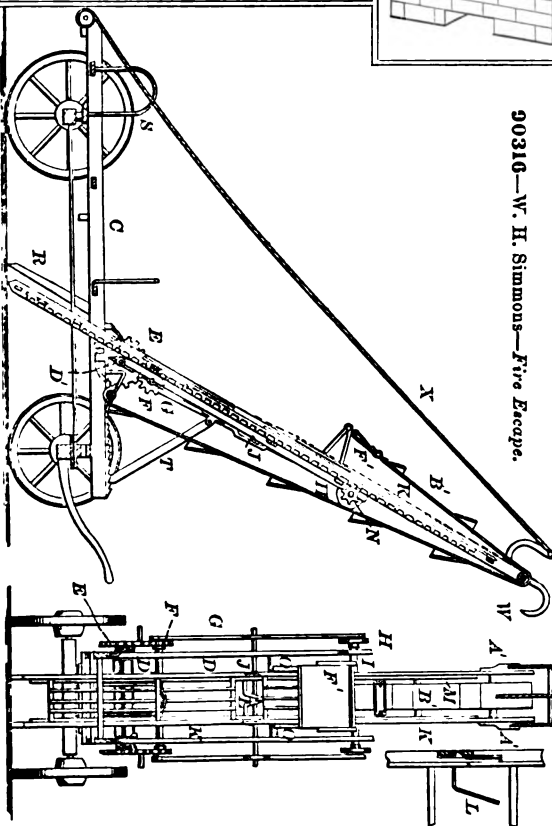
90313—W. A. Shaw—Converting Iron into Steel.



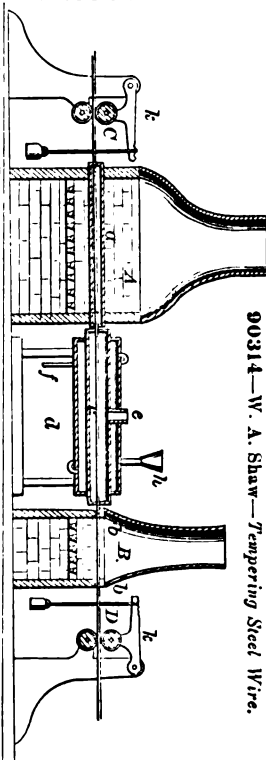
90315—I. Sherck—Jack for Threshing Machines.

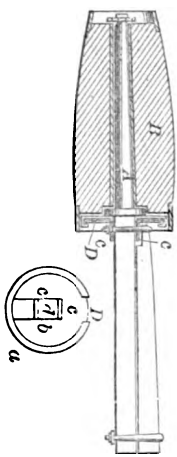
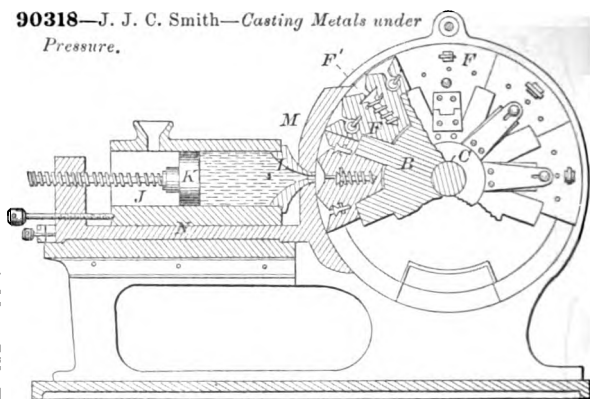
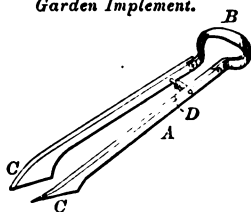
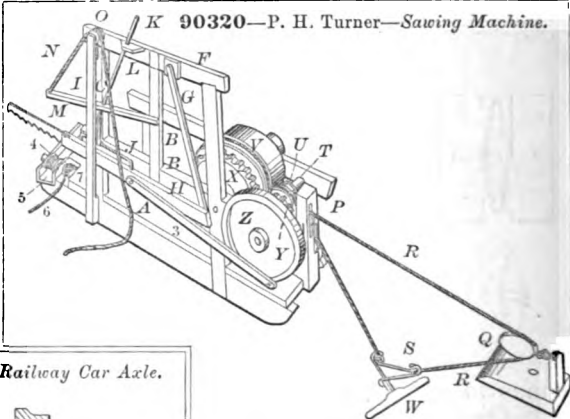
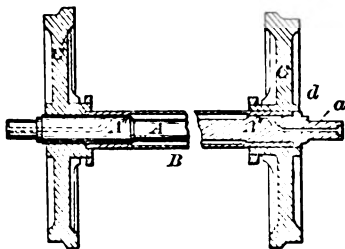
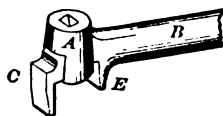
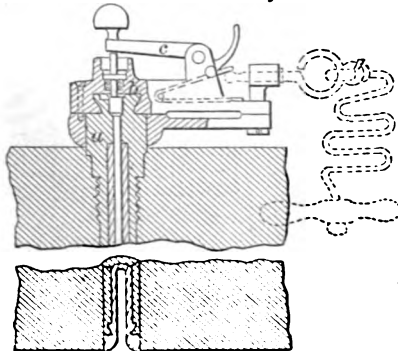
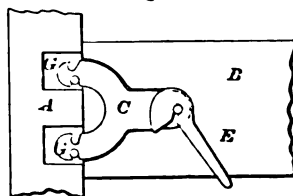


90316—W. H. Simmons—Fire Escape.

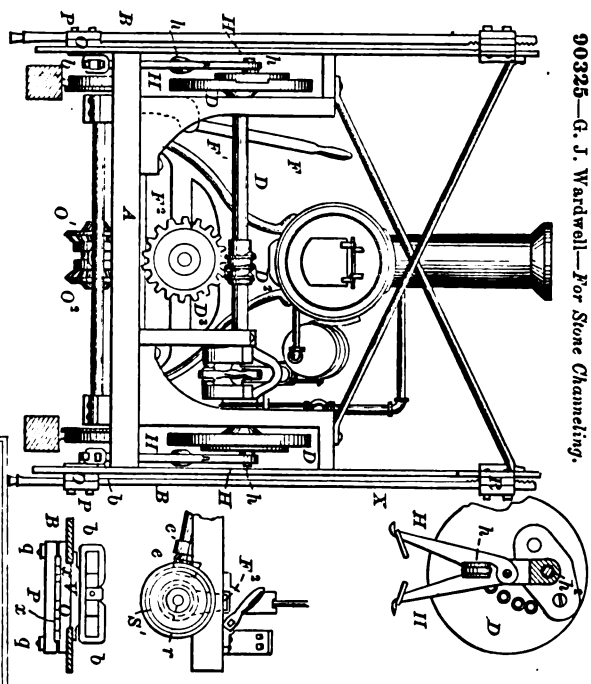


90314—W. A. Shaw—Tempering Steel Wire.

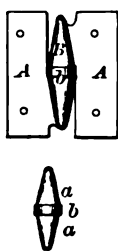


**90317—J. D. Smith—Axle.****90318—J. J. C. Smith—Casting Metals under Pressure.****90319—W. Somers—Garden Implement.****90320—P. H. Turner—Sawing Machine.****90321—J. Van Slooten—Railway Car Axle.****90322—S. Vanstone—Metal Tube.****90326—D. Wilcox—Body Loop Head for Carriages.****90323—J. Vavasseur—Lock for Ordnance.****90329—H. S. Wing—Bedstead Fastener.**

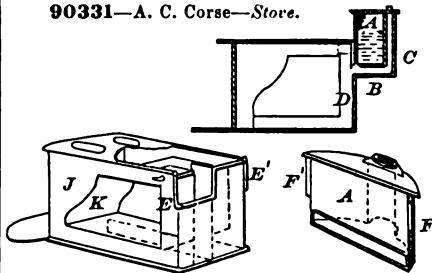
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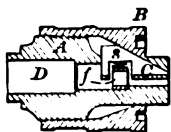
90330—H. J. Wolters—Hinge.



90331—A. C. Corse—Store.



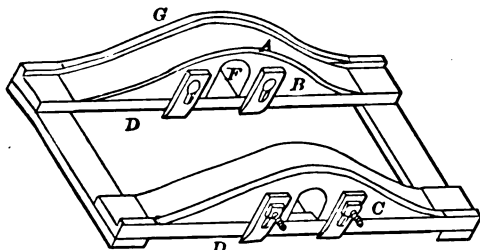
90338—G. E. Brettell—Chuck.



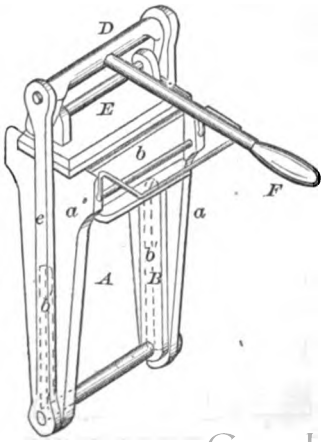
90335—J. Beck—Coloring and Tinting Rubber Goods.



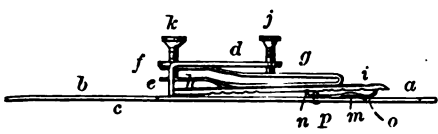
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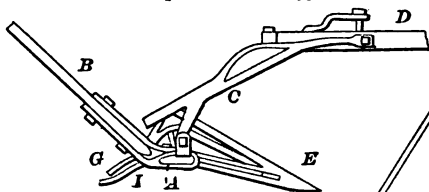
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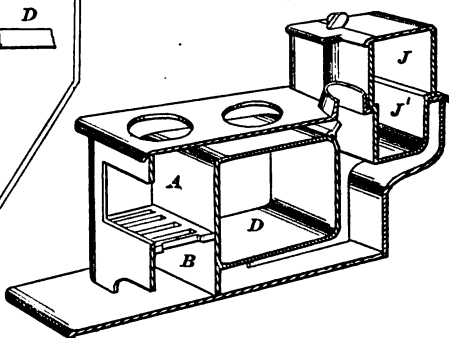
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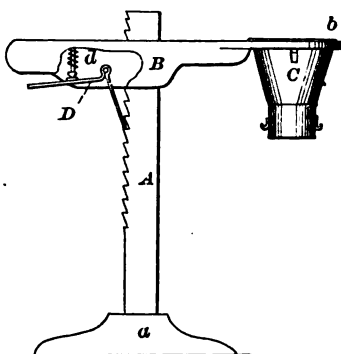
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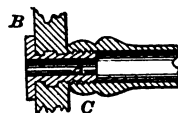
90342—E. J. Cridge—Stove.



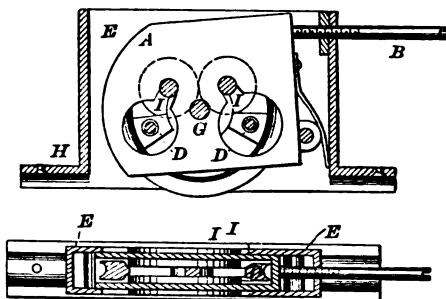
90344—G. Dare—Bag Holder.



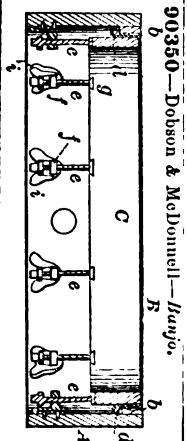
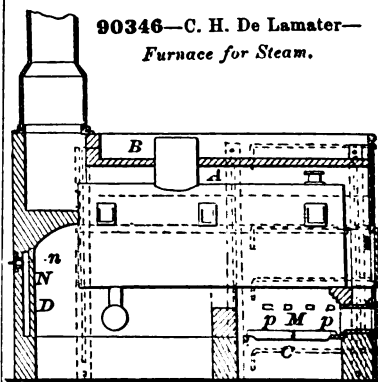
90343—G. T. Dalton—Faucet.



90345—M. L. Deering—Sliding Door Sheave.



90346—C. H. De Lamater—Furnace for Steam.



90348—T. Deschamps—Glove Fastening.

Fig. 1

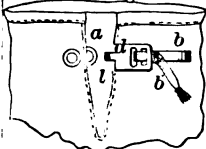


Fig. 8

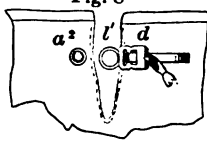


Fig. 12

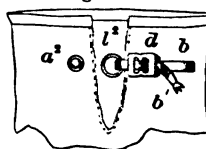


Fig. 2

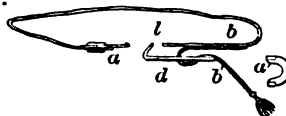
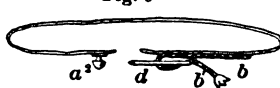
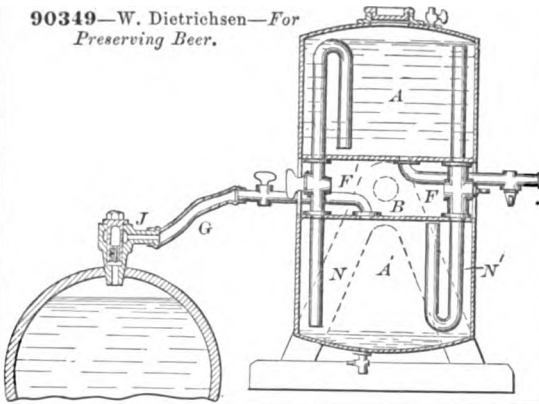


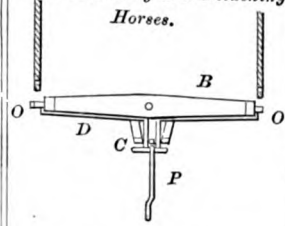
Fig. 9



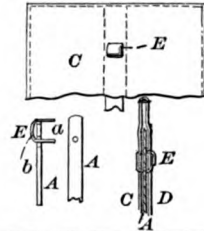
90349—W. Dietrichsen—For Preserving Beer.



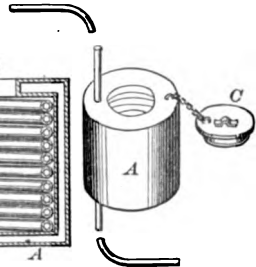
90352—G. L. Du Laney—For Attaching and Detaching Horses.



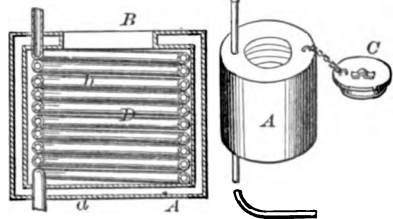
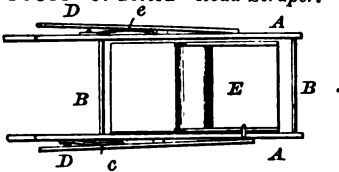
90353—D. H. Fanning—Corset.



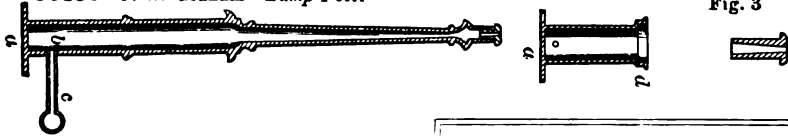
90360—R. Heneage—Ice Preserver and Water Cooler.



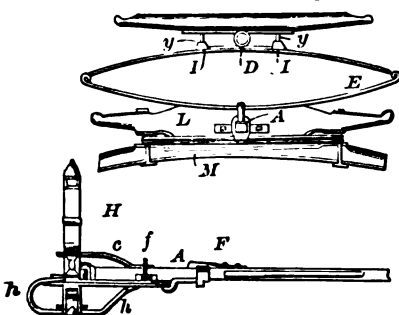
90355—J. Gorton—Road Scraper.



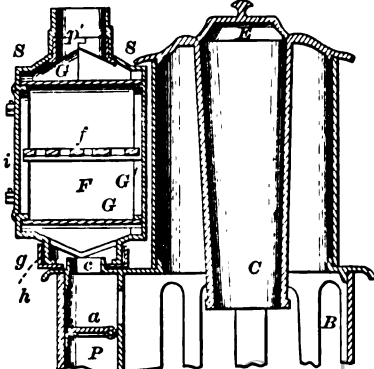
90356—J. W. Graham—Lamp Post.



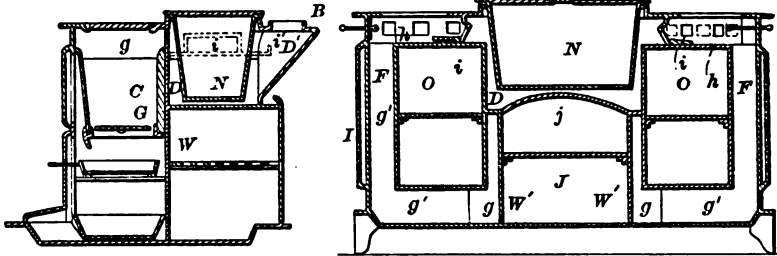
90351—J. L. Dolson—Carriage.



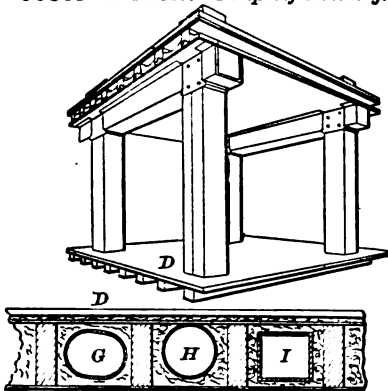
90357—W. Hailes—Store.



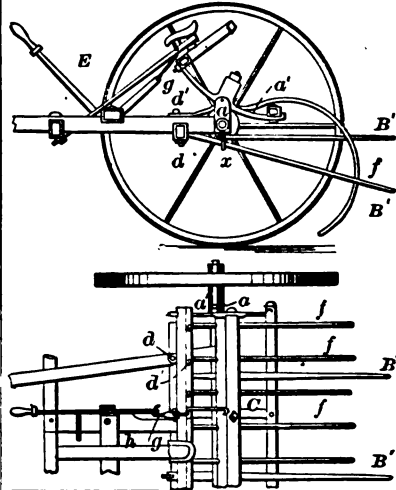
90358—W. Hailes—Stove.



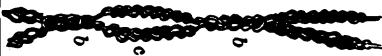
90361—R. M. Hoc—Fireproof Building.



90362—J. Hollingsworth—Horse Rake.



90364—E. G. Jelley—Heddle for Looms.



90363—L. L. Jackson—Dress Makers' Measure.

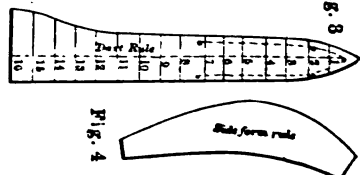
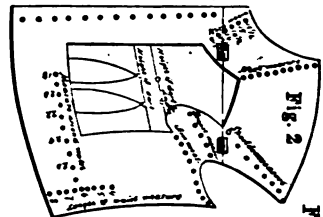
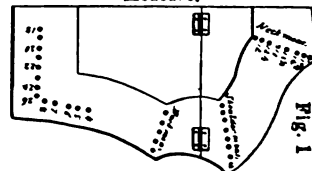
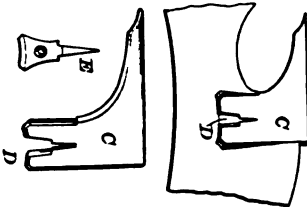


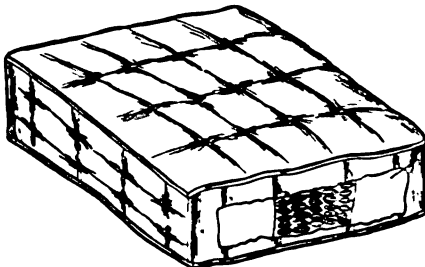
Fig. 4

Side form rule

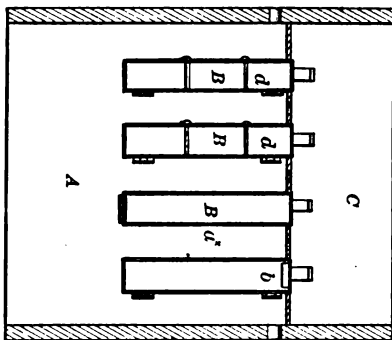
90365—J. M. Johnston—Saw.



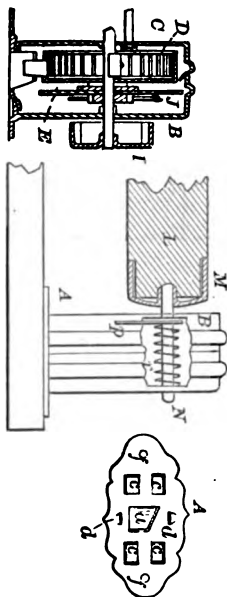
90368—F. A. Lane—Mattress.



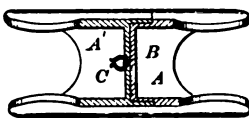
90369—M. E. Lloyd—Fruit Dryer.



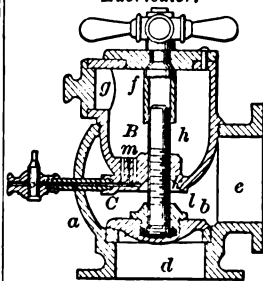
90366—A. H. Knapp—Curtain Fixture.



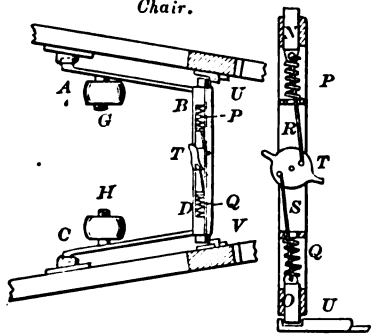
90374—M. F. McIntyre—Horse Collar Fastening.



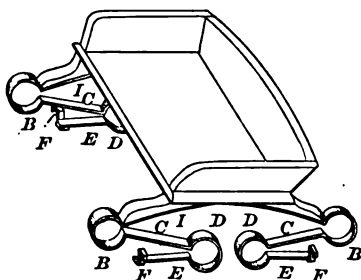
90371—J. A. Lynch—Lubricator.



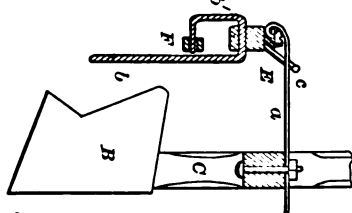
90370—Lodeman & Desenberg—Rocking Chair.



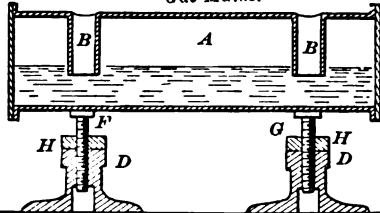
90375—G. H. Mittan—Wagon Seat Spring.



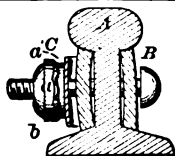
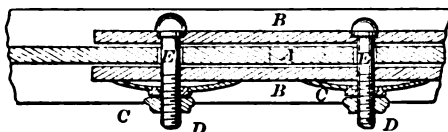
90376—W. E. Moore—Fender for Cultivator Plows.



90379—P. Munzinger—Leveling Hydraulic Gas Mains.

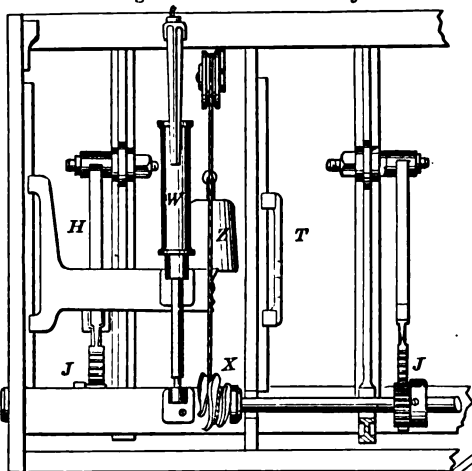


90377—W. Morehouse—Locking Nut.

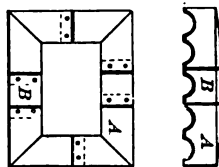




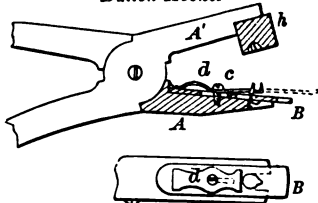
90378—Morgan &amp; McMullan—Roving Frame.



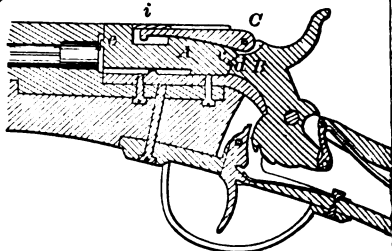
90380—E. Myrick—Chimney Cap.



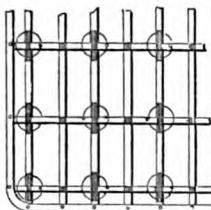
90382—J. S. Palmer—For Setting Button Hooks.



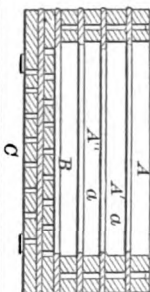
90381—J. D. S. Newell—Fire Arm.



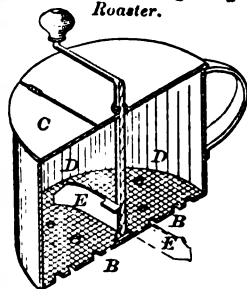
90384—J. F. Peck—Bed Bottom.



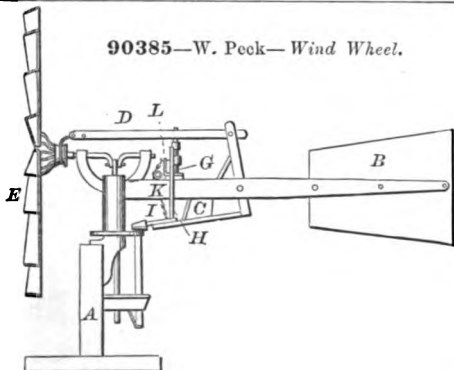
90383—Parkman &amp; Trussell—Filter.



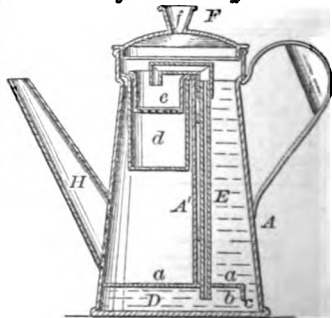
90386—H. W. Persing—Coffee Roaster.



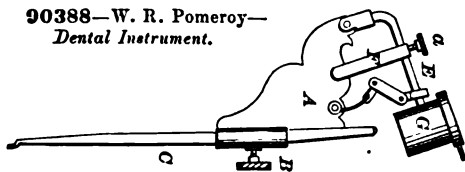
90385—W. Peck—Wind Wheel.



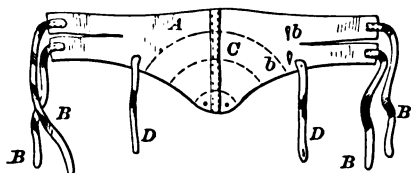
90387—Persing &amp; Pease—For Making Tea and Coffee.



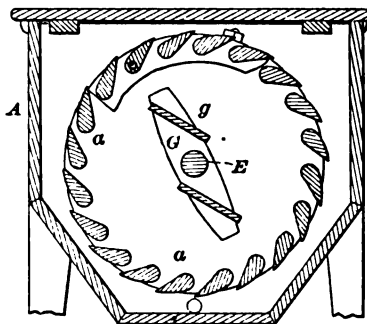
90388—W. R. Pomeroy—Dental Instrument.



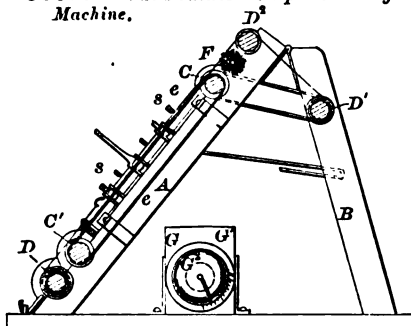
**90389—J. L. Porter—*Abdominal Supporter.***



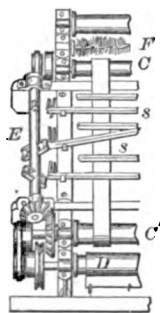
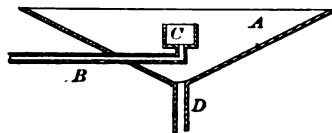
**90391—S. G. Rice—*Washing Machine.***



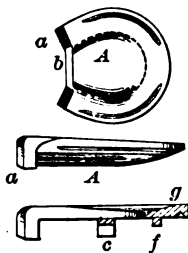
**90390**—E. S. Poucher—*Carpet Cleaning Machine.* D<sup>3</sup>



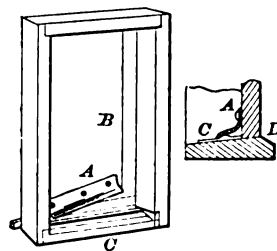
**90392—Rice & Adams—For Treating  
Hydro-Carbon Oils.**



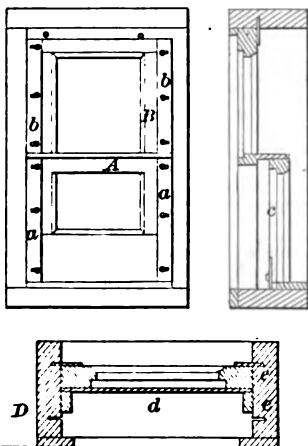
**90394—D. Roberge—**  
*Horse Shoe.*



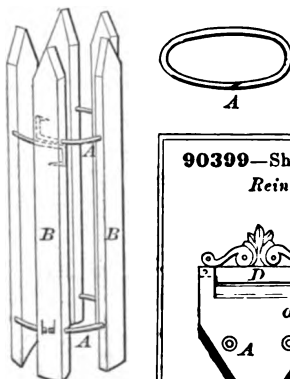
**90400—A. D. Smith—Door Strip.**



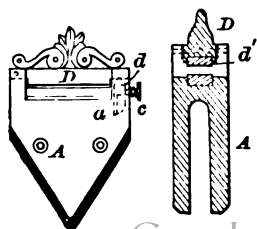
**90396—G. A. Russell—Window.**

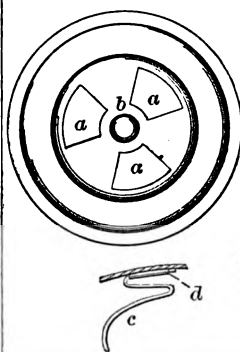


**90398**—S. Scotton—*Tree Box.*



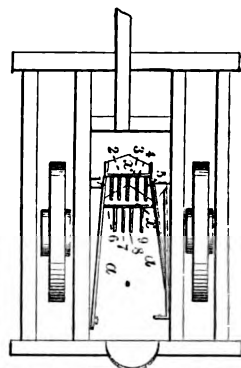
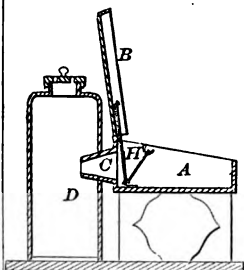
**90399—Shillito & Walker—**  
*Rein Holder.*





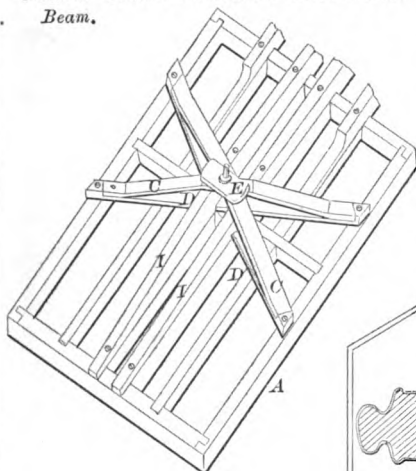
90401—H. Smith—Five Stopper.

90402—W. Smith—Fly Trap.

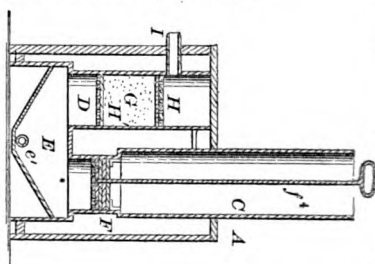


90404—S. Soules—Potato Digger.

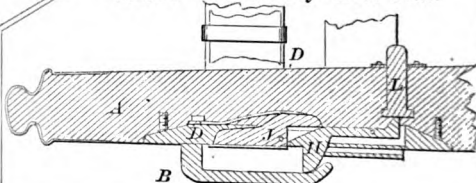
90403—Snow &amp; Elmendorf—Truss Rocker Beam.



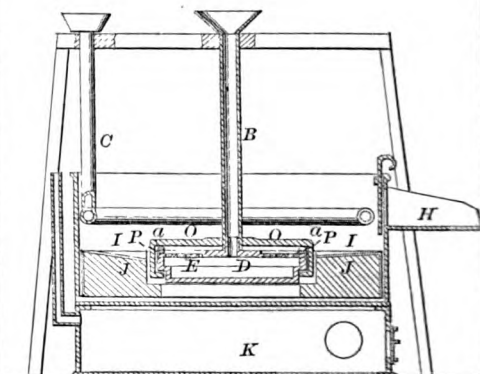
90405—T. Stewart—Filter.



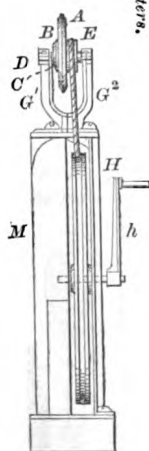
90406—C. E. Sweney—Neck Yoke.



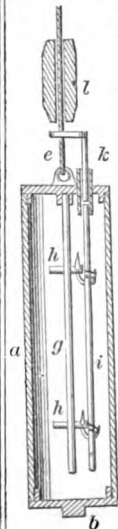
90409—J. Thomson—Amalgamator.



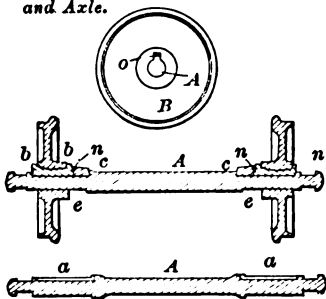
90407—W. Tanner—For Sharpening Mowing Machine Cutters.



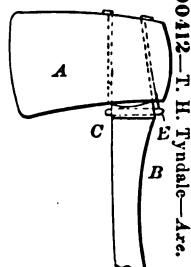
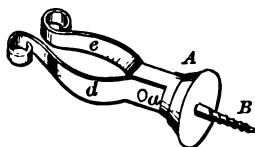
90408—H. H. Thomas—Torpedo.



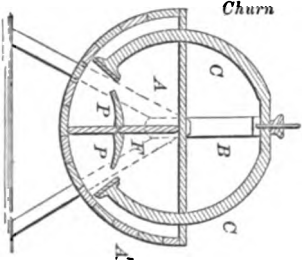
**90410**—C. D. Tisdale—*Car Wheel and Axle.*



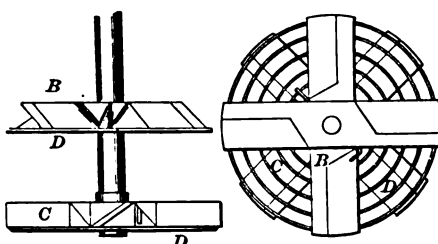
**90411**—L. W. Turner—*Broom Holder.*



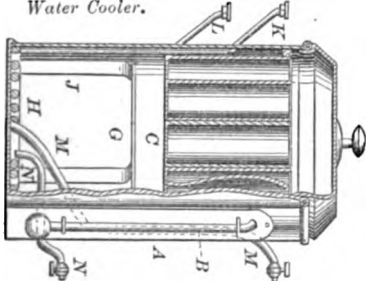
**90414**—Wilkins, Crodle & Niner—*Churn.*



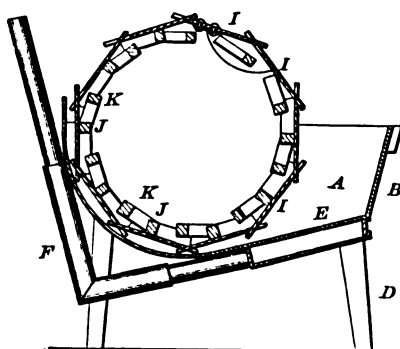
**90413**—O. A. White—*Churn Dasher.*



**90415**—L. J. Wolf—*Ale, Beer and Water Cooler.*



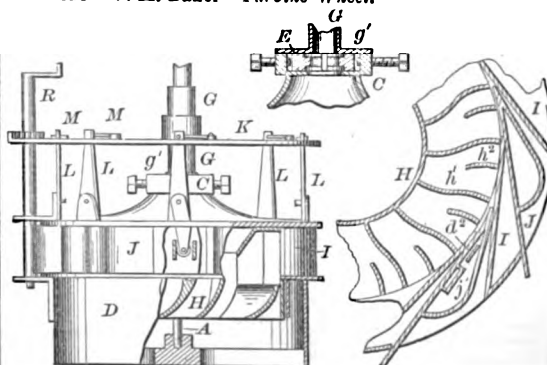
**90416**—J. B. Woolsey—*Washing Machine.*



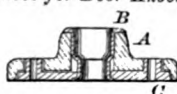
**90418**—S. E. Allen—*Case for Schedules.*



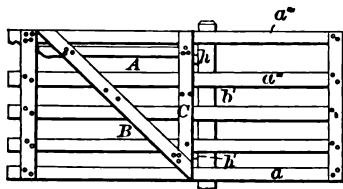
**90419**—V. M. Baker—*Turbine Wheel.*



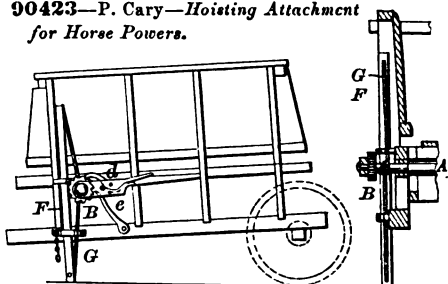
**90420**—C. L. Bates—*Rose for Door Knobs.*



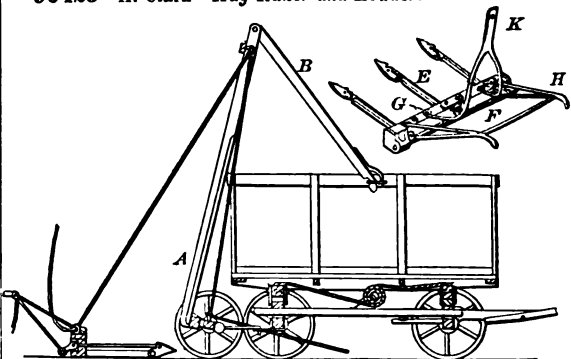
90421—Brown &amp; Allen—Gate.



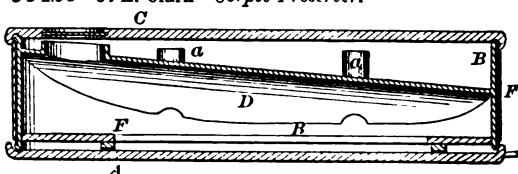
90423—P. Cary—Hoisting Attachment for Horse Powers.



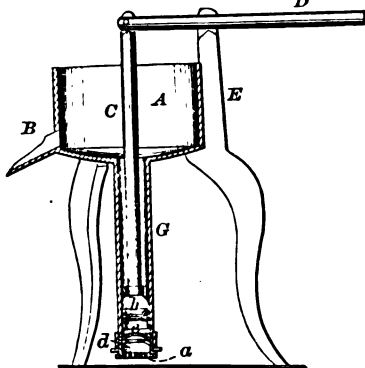
90425—A. Clark—Hay Raker and Loader.



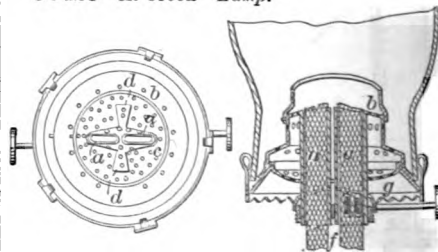
90426—J. L. Clark—Corpse Preserver.



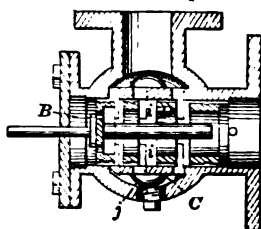
90424—T. A. Case—Cream Pump.



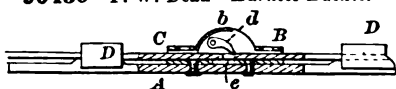
90428—A. Crook—Lamp.



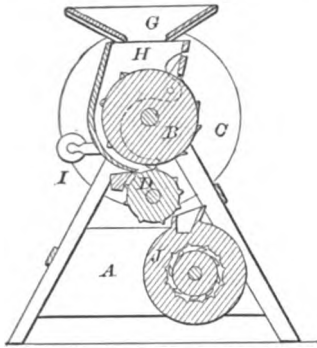
90427—C. A. Condé—Stop Valve.



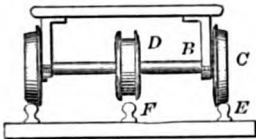
90430—F. W. Dean—Harness Buckle.



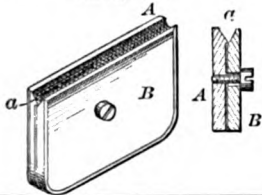
**90429**—R. Daniels—*Vegetable Crusher.*



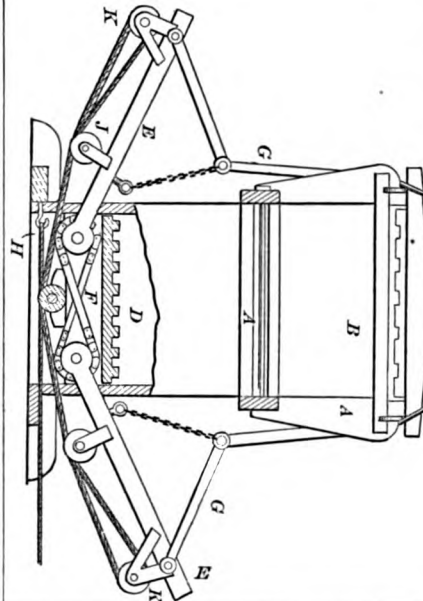
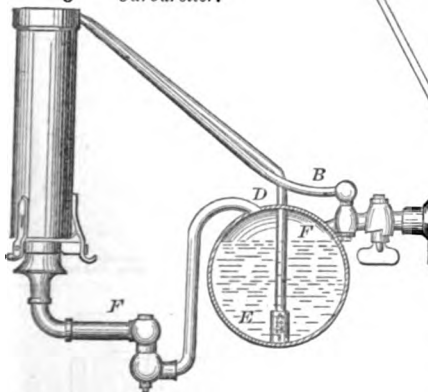
**90432**—P. S. Devlan—*Car Truck.*



**90433**—A. S. Dinsmore—*Needle Sharpener.*

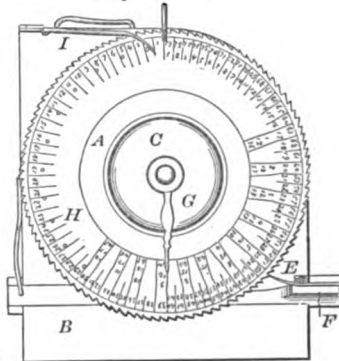


**90436**—C. F. Dunderdale—*Carburetter.*

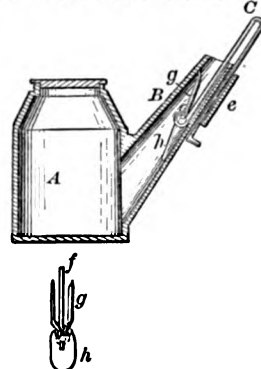


**90431**—L. Dederick—*Hay and Cotton Press.*

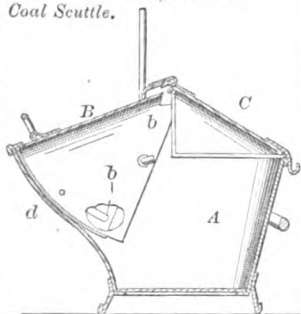
**90435**—W. V. Dubois—*Knitting Machine Register.*



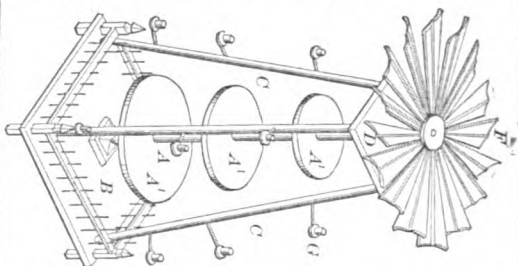
**90434**—W. G. Dowd—*Miners' Lamp.*



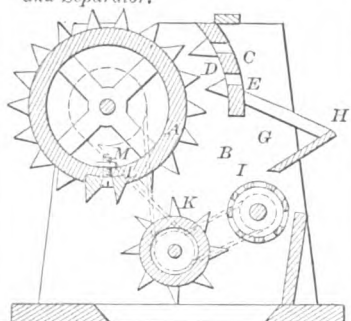
**90437**—Ellithorp & Sloane—*Coal Scuttle.*



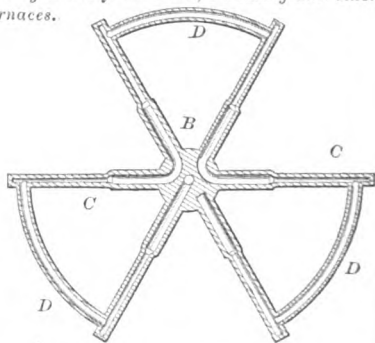
**90441**—F. A. Geisler—*Christmas Tree.*



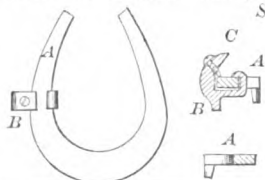
**90439**—L. P. Garner—*Coal Breaker and Separator.*



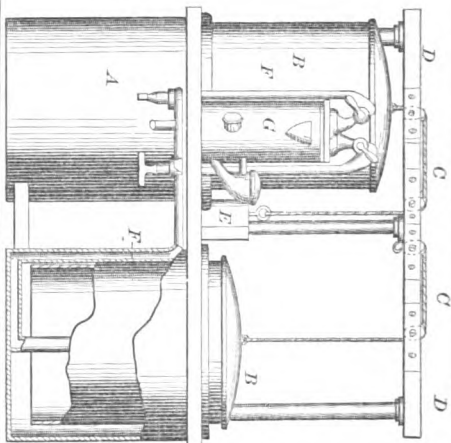
**90440**—D. H. Geiger—*For Collecting and Forcing Gases from Blast, Puddling and other Furnaces.*



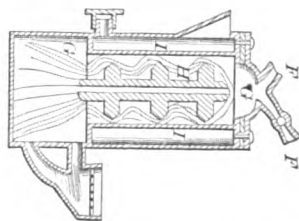
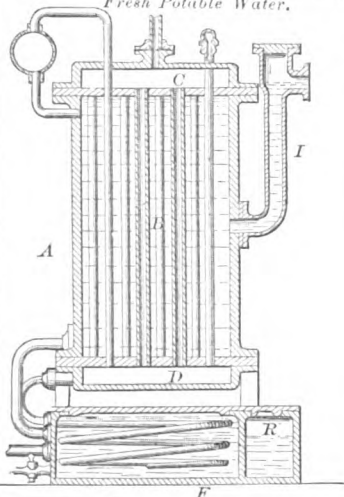
**90442**—K. Goddard—*Calk for Horse Shoes.*



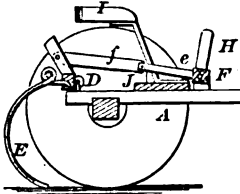
**90445**—J. W. Groat—*Gas Machine.*



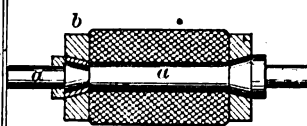
**90444**—W. A. Gray—*For Producing Fresh Potable Water.*



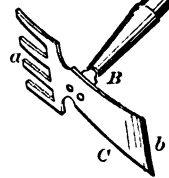
**90446**—S. J. Halstead—*Horse Rake.*



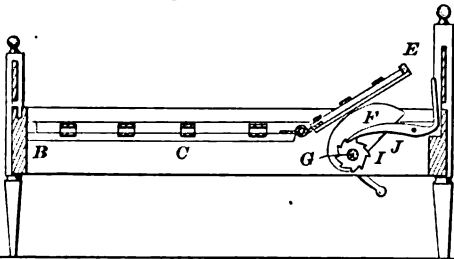
**90447**—T. Hardcastle—*Roll for Mangles, Washing Machines, &c.*



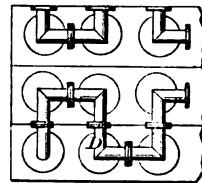
**90448**—N. Harper—*Blank for Rakes and Hoes.*



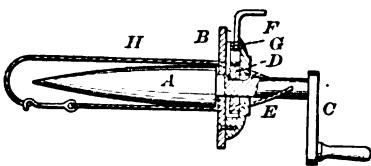
**90449**—E. Hoag—*Bed Bottom.*



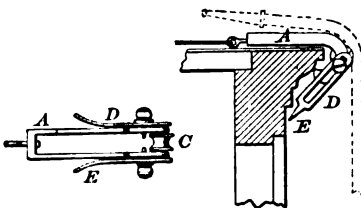
**90450**—Howard & Bousfield—*Steam Generator.*



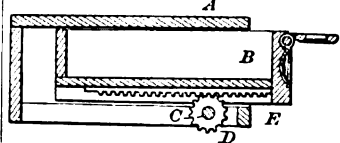
**90451**—J. E. Hunter—*Corn Shock Binder.*



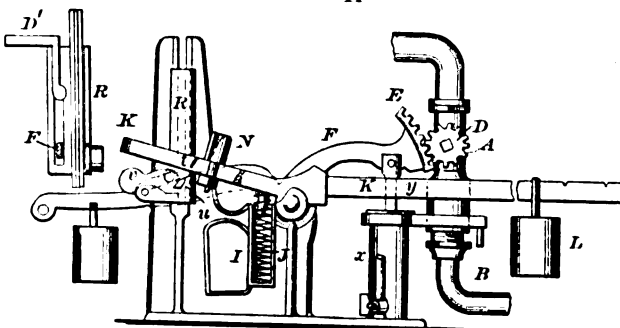
**90454**—J. J. Lovell—*Eaves Protector.*



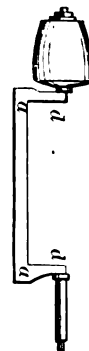
**90452**—E. B. Johnson—*Furniture Drawer.*



**90453**—J. Keane—*Water Closet Apparatus.*

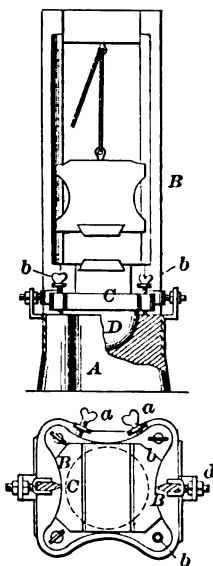


**90455**—T. E. Turner—*Crank Axle for Wagons.*

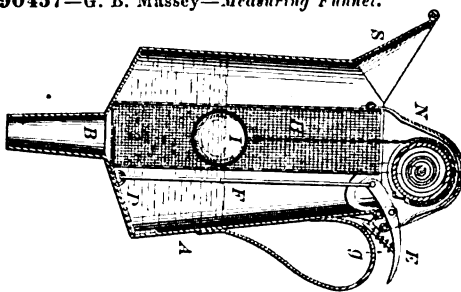




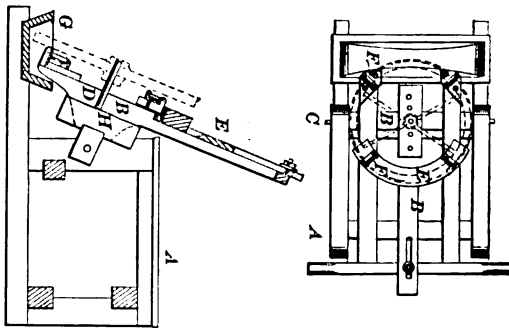
**90456**—N. P. Maker—  
*Drop Press.*



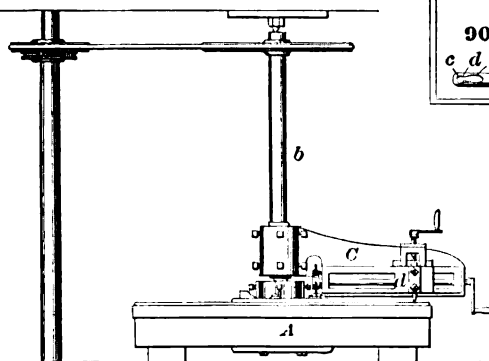
**90457**—G. B. Massey—*Measuring Funnel.*



**90458**—F. Mills—*For Setting Wagon Tires.*



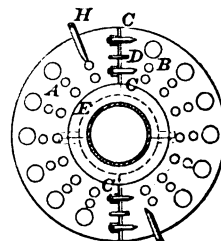
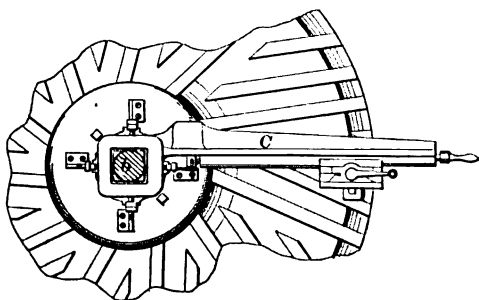
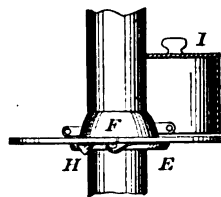
**90461**—Mumford & Wallis—*For Dressing Millstones.*



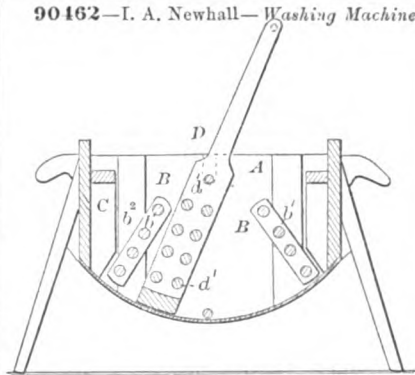
**90460**—A. Morrall—*Sewing Needle.*



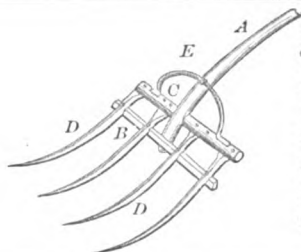
**90459**—Miner & Torrey—*Store Pipe Shelf and Oven.*



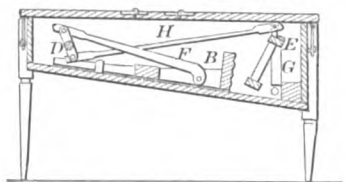
90462—I. A. Newhall—Washing Machine.



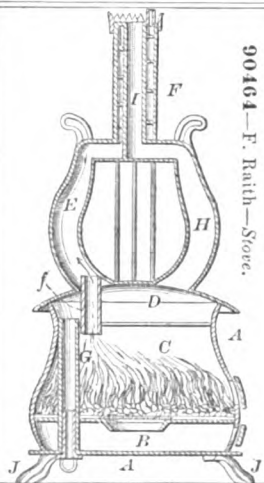
90463—L. D. Pitcher—  
Hog and Manure Fork.



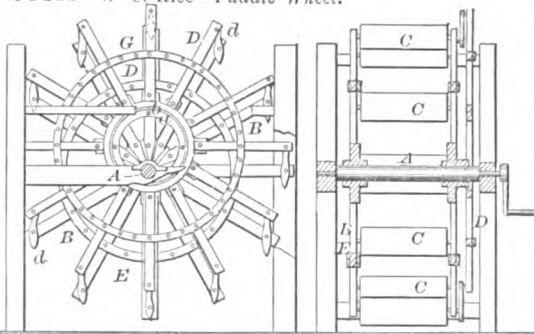
90467—J. M. Shuck—Washing Machine.



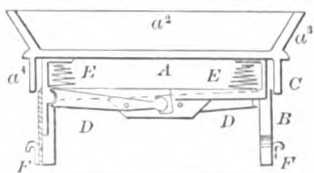
90464—F. Raith—Stove.



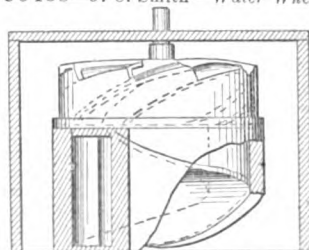
90465—W. C. Rice—Paddle Wheel.



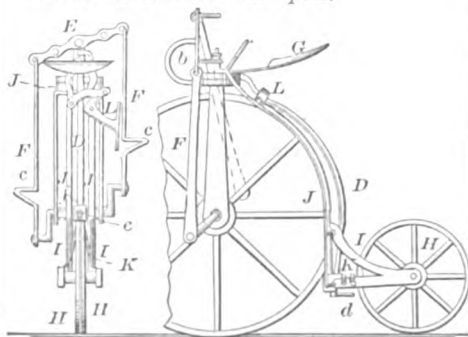
90466—A. Sheline—Wagon Seat.



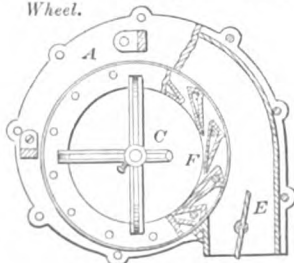
90468—J. C. Smith—Water Wheel.



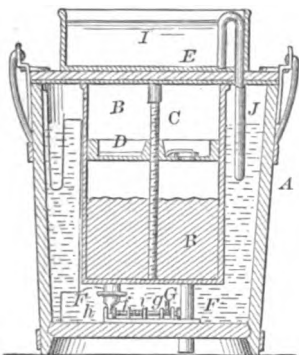
90470—L. H. Soule—Velocipede.



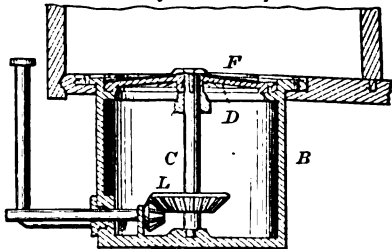
90469—W. H. Snyder—Water  
Wheel.



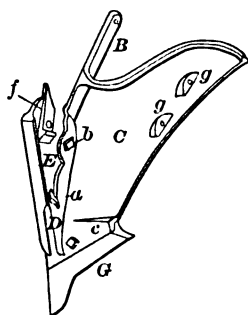
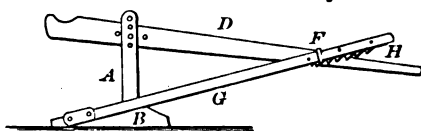
90471—J. Stark—Dough Raiser.



90472—R. R. Sylands—Pulp Washer.

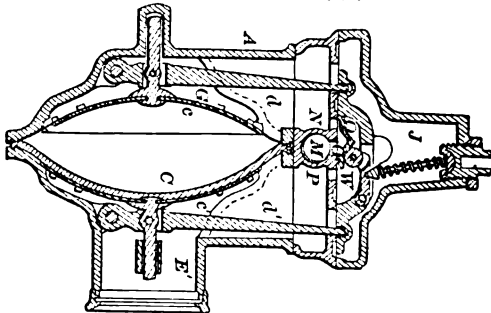


90473—J. N. Thatcher—Carriage Jack.

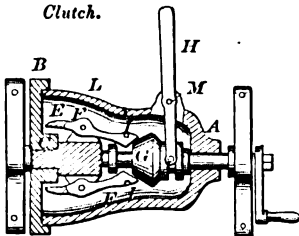


90475—E. Ward—Ploze.

90479—C. W. Baldwin—Fluid Meter.



90481—D. Banks—Friction Clutch.

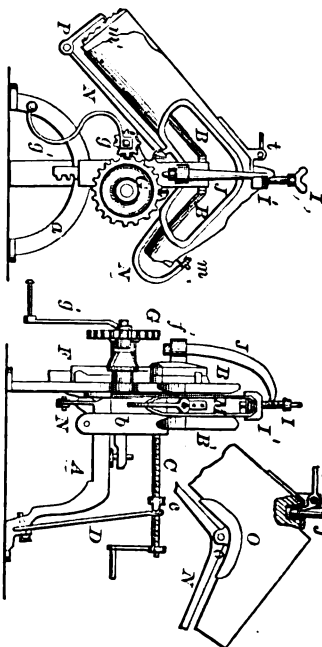
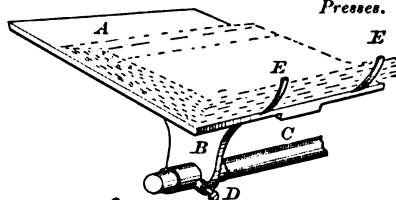


90474—W. Weber, Jr.—Knife.

90478—Alexander &amp; Burchell—Iron Front for Buildings.

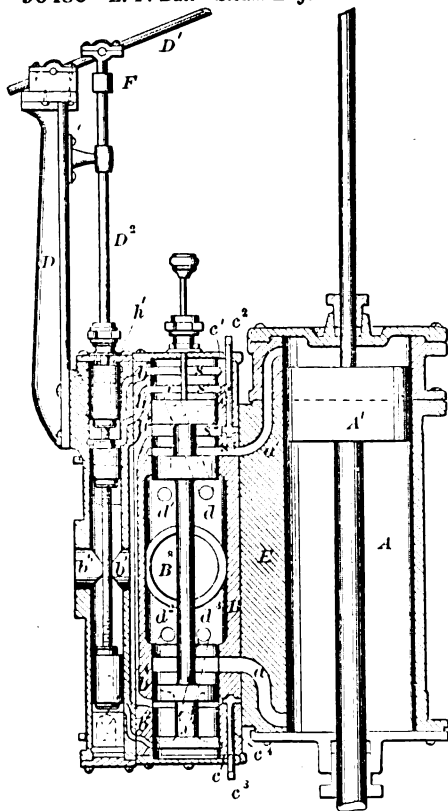


90482—H. Barth—Feed Table for Printing Presses.



90477—J. B. Aikin—Boat Crimper.

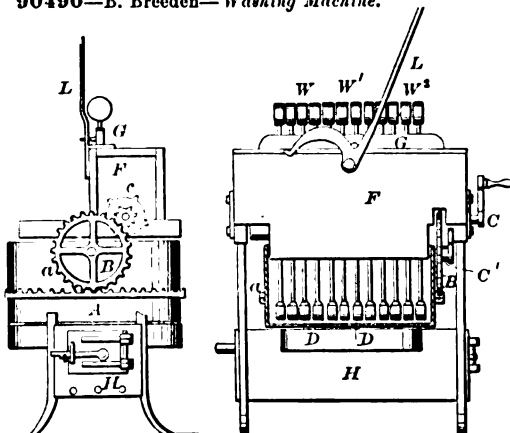
90480—E. P. Ball—*Steam Engine.*



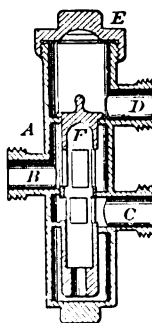
90485—S. Y. Beach—*Belt Axl.*



90490—B. Breeden—*Washing Machine.*



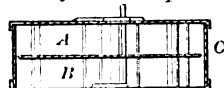
90483—F. H. Bartholomew—*Valve.*



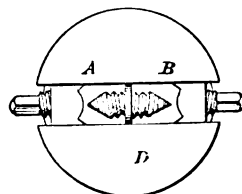
90484—J. F. Bartlett—*Lamp Chimney.*



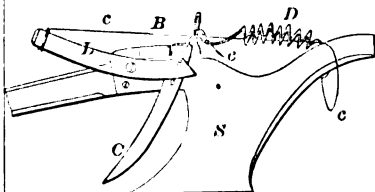
90486—N. W. Beckwith—*Hot Closet for Stove Pipes.*



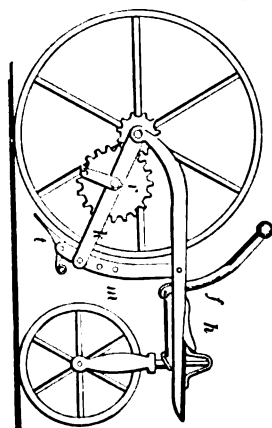
90487—W. Bellows—*Lathe Chuck.*

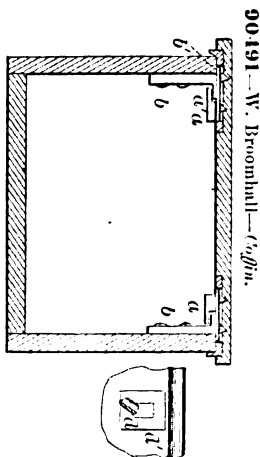


90488—A. C. Black—*Plow Clearer.*

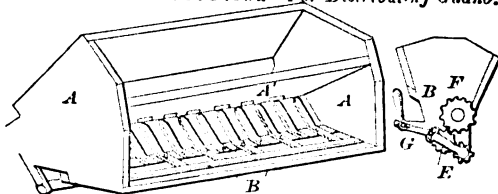


90489—P. J. Boris—*Velocipede.*

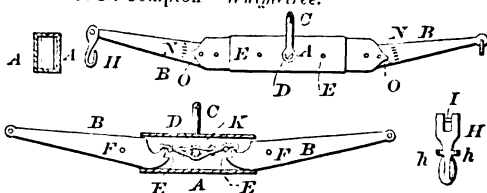




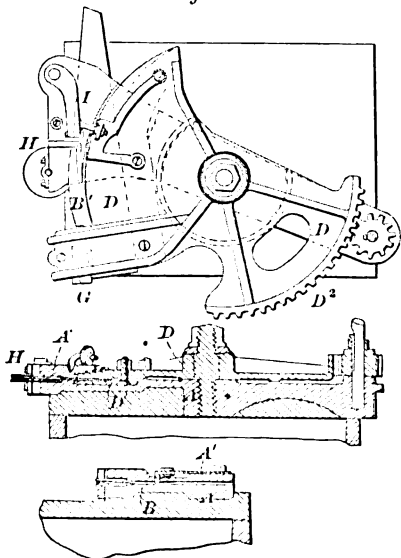
**90493**—H. L. & C. P. Brown—*For Distributing Guano*.



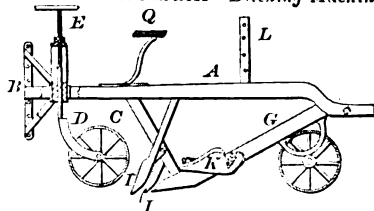
**90503**—G. N. Compton—*Whiffletree*.



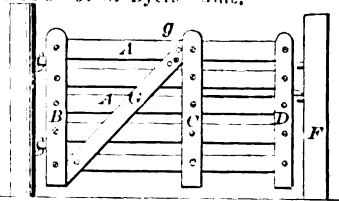
**90492**—G. W. Brown—*For Bending Metals Edgewise*.



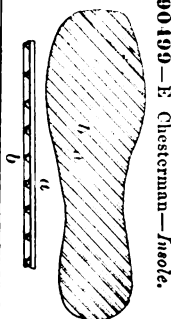
**90495**—M. E. Burtless—*Ditching Machine*.



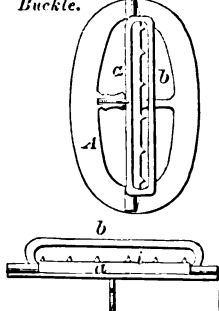
**90496**—J. W. Byers—*Gate*.



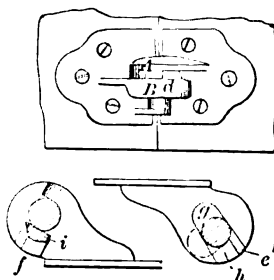
**90498**—L. Chapman—*Handle for Umbrellas and Canes*.



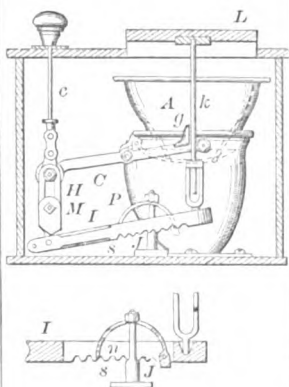
**90501**—F. Clausen—*Buckle*.



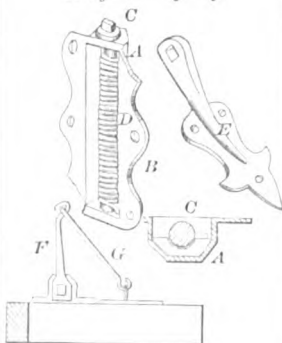
**90500**—C. B. Clark—*Hinge*.



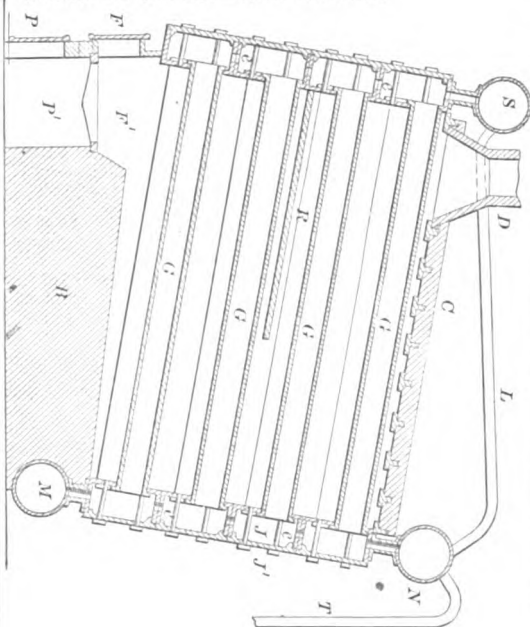
90502—B. R. Cole—Water Closet.



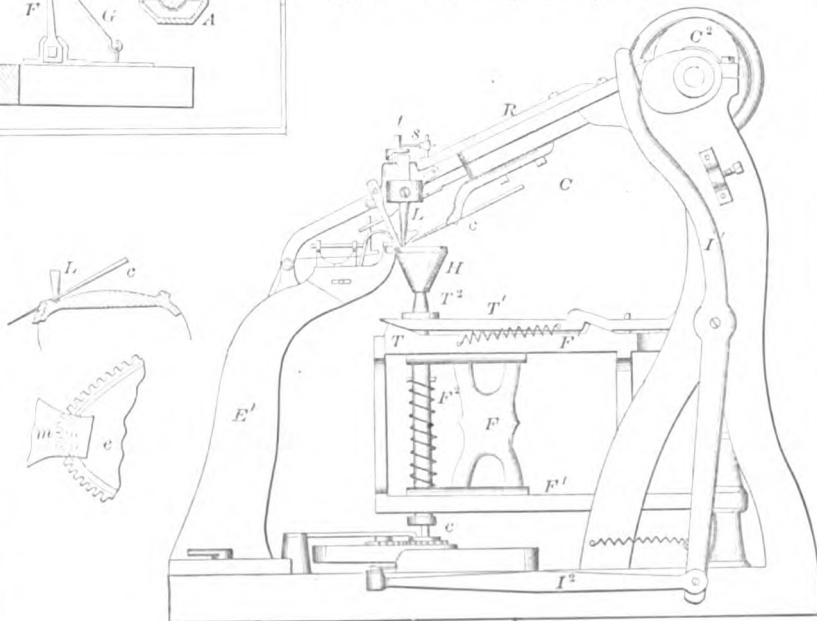
90504—J. J. Cowell—Hinge and Spring.



90506—B. Crawford—Steam Generator.

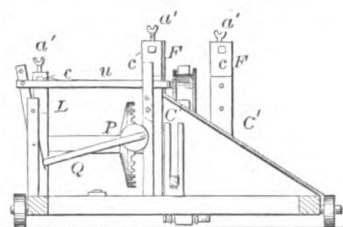
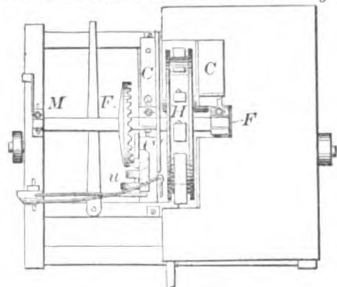


90507—C. O. Crosby—Sewing Machine.

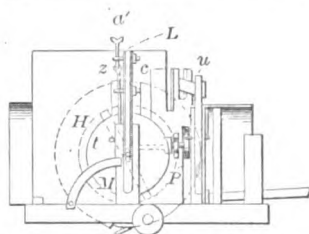
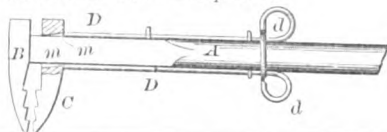




90517—Felthoff & Tingley—Ditching Machine.



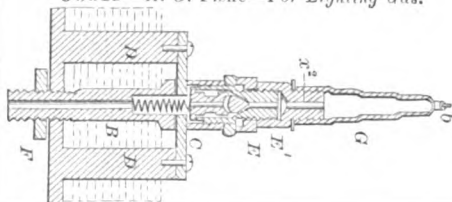
90520—S. Gantz—Mop Head.



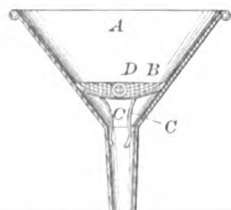
90518—C. E. Fisk—Printers' Shears.



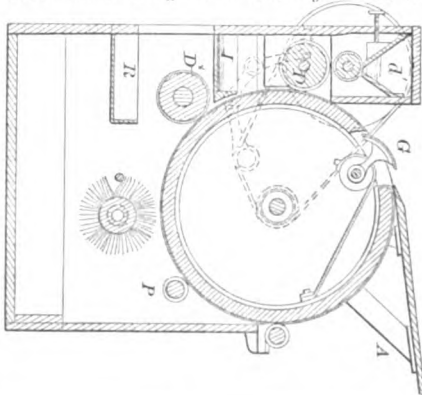
90519—H. G. Fiske—For Lighting Gas.



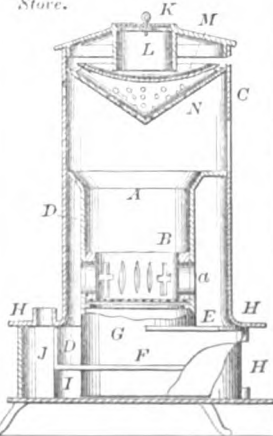
90523—J. H. Goodfellow—Funnel.



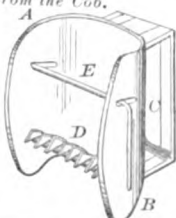
90521—B. G. George—For Bronzing Printed Work.



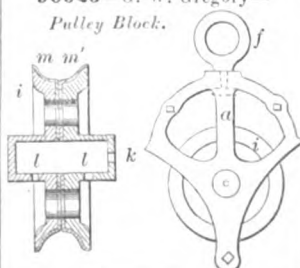
90524—J. H. Goodfellow—Store.



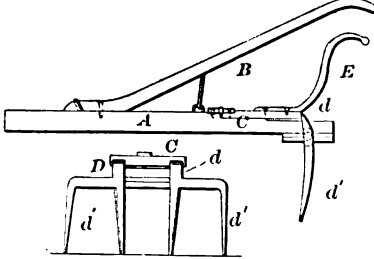
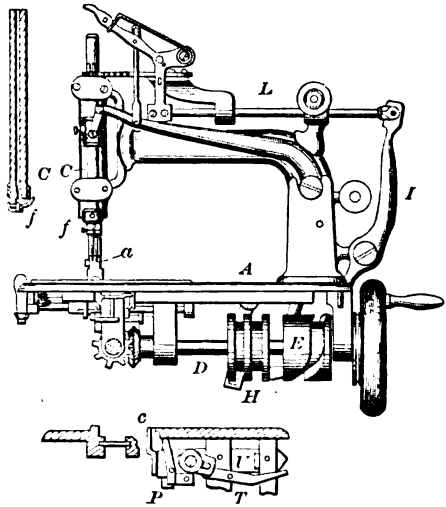
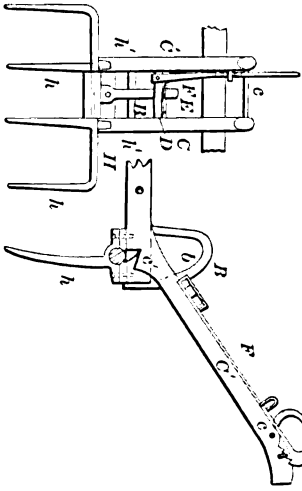
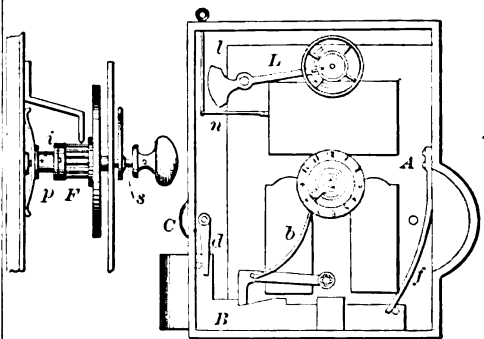
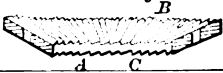
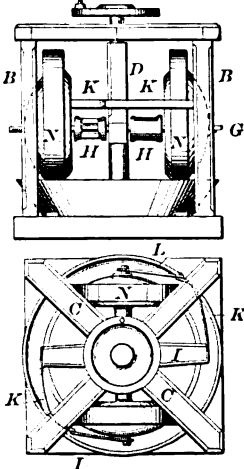
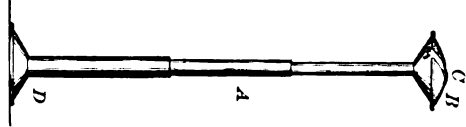
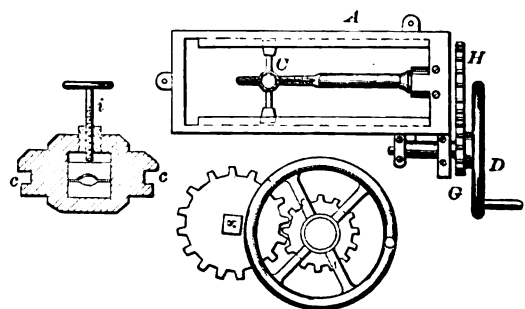
90522—W. L. Gilroy—For Cutting Green Corn from the Cob.



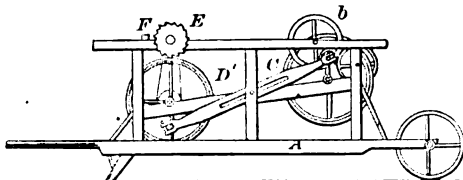
90525—G. W. Gregory—Pulley Block.



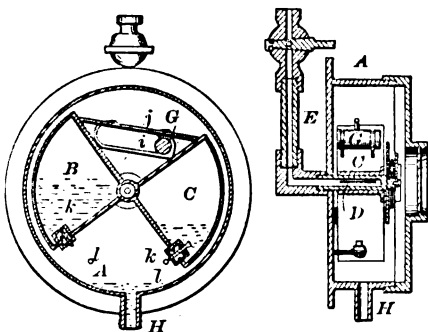


**90526—H. Gross—Manure Hook.****90528—J. Gutmann—Sewing Machine.****90527—H. Gross—Manure Hook.****90529—L. A. Haines—Time Lock.****90531—Halladay & Ruggles—Iron Grinding Plate.****90532—Hamilton, Hanson & G. W. & J. Hamilton—Ore Crusher.****90530—W. Hall, Jr.—Skating Rod and Stool.****90533—W. Harles—For Threading Rods, Bolts, &c.**

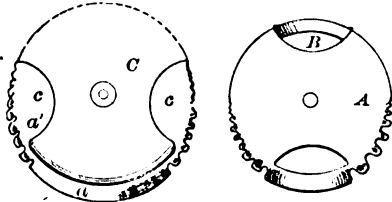
**90534**—J. J. Harris—*Sawing Machine.*



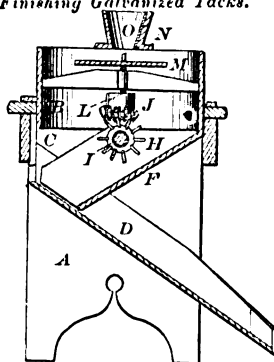
**90535**—T. C. Hargrave—*Water Meter.*



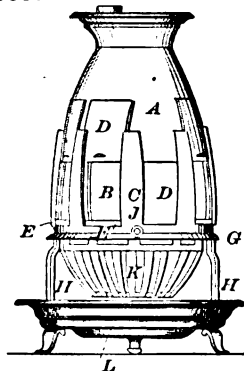
**90539**—J. Heuermann—*Drinking Vessel Cover.*



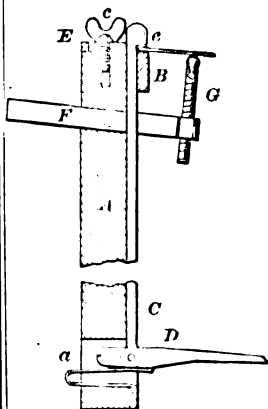
**90536**—Hathaway & Stetson—*For Finishing Galvanized Tacks.*



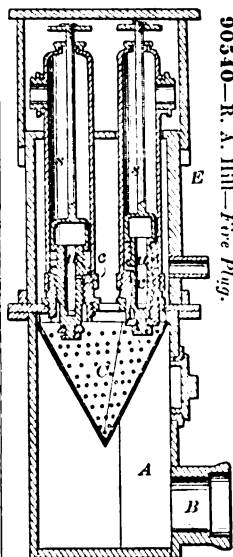
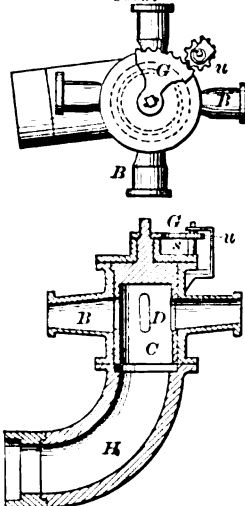
**90537**—J. H. Helm—*Stove.*



**90538**—C. Herrmann—*Saw Set.*

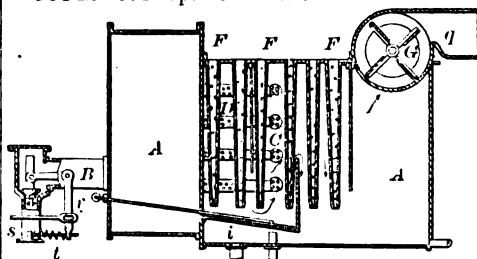


**90541**—R. A. Hill—*Stop Cock.*

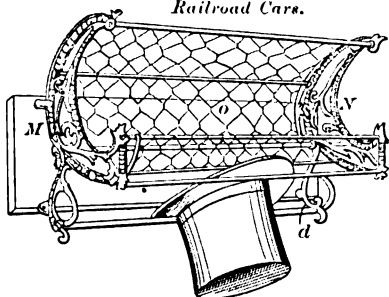


**90540**—R. A. Hill—*Free Plug.*

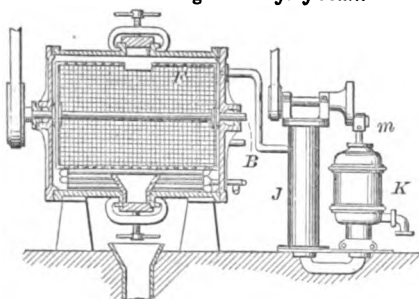
**90542—J. Haupt—Condenser.**



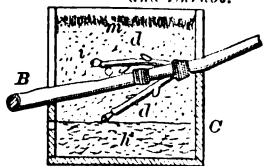
**90543**—J. L. Howard—*Bracket Basket for Railroad Cars.*



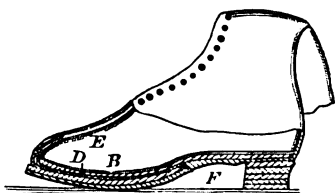
**90545—W. W. Hughes—*Drying Malt.***



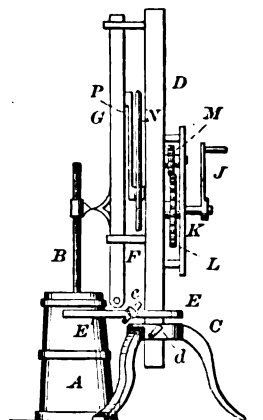
**90548**—S. Hutchinson—*Propagating Trees and Shrubs.*



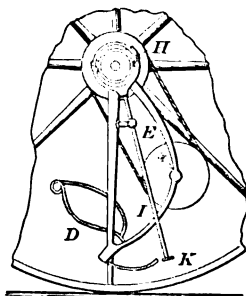
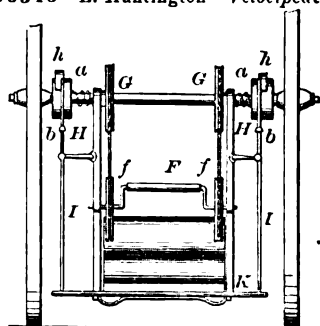
**90551—W. F. Jobbins—*Boots and Shoes.***



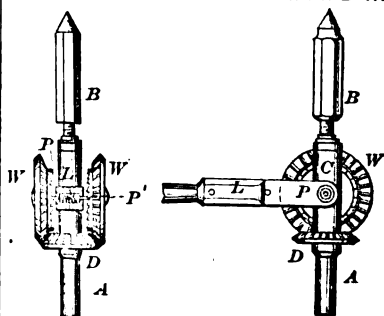
**90544—J. S. Huffman—Churn.**



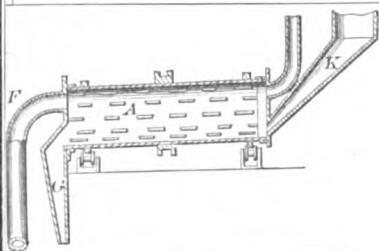
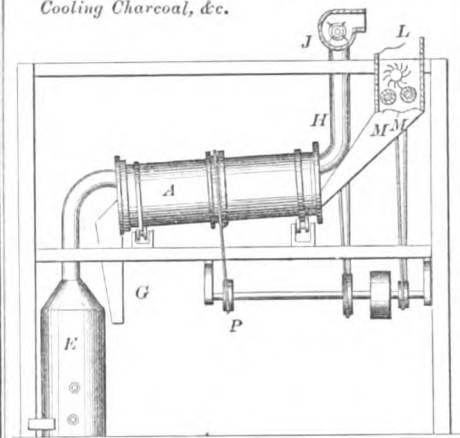
**90546—E. Huntington—*Velocipedc.***



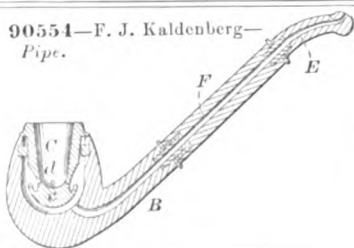
**90547—G. Hutchins—*Ratchet Drill.***



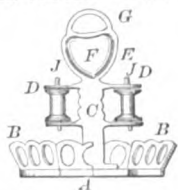
90549—G. A. Jasper—For Drying Sugar and Cooling Charcoal, &c.



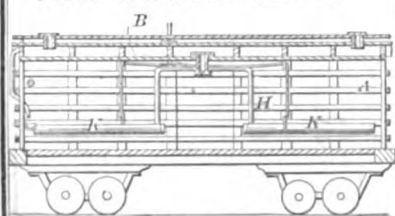
90554—F. J. Kaldenberg—Pipe.



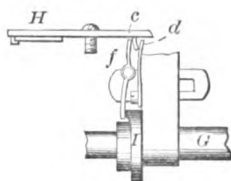
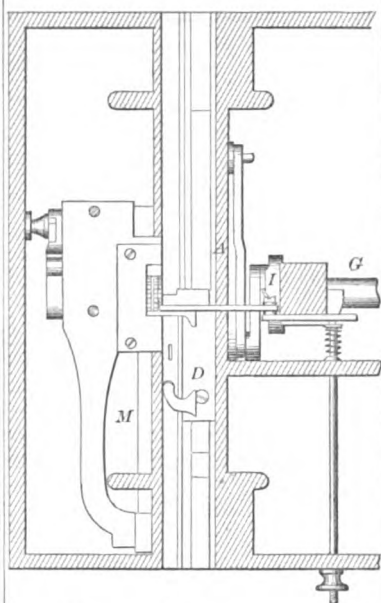
90553—R. V. Jones—Work Basket.



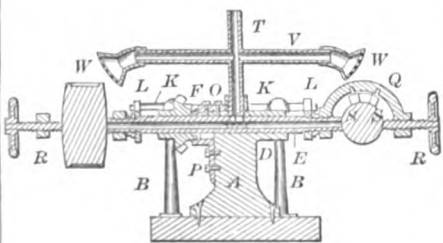
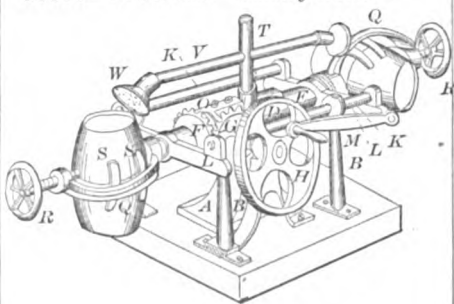
90557—J. S. Kendall—Stock Car.

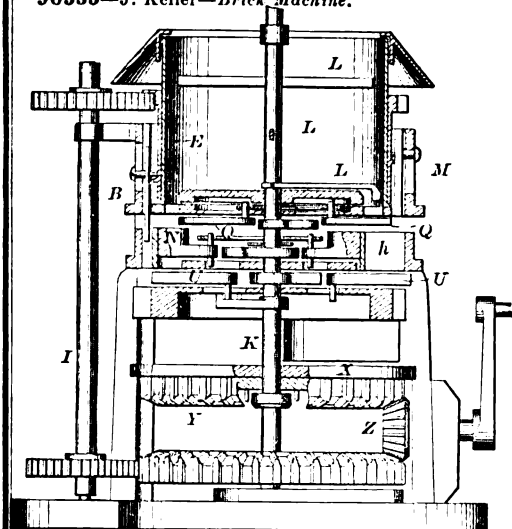
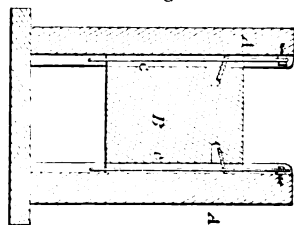
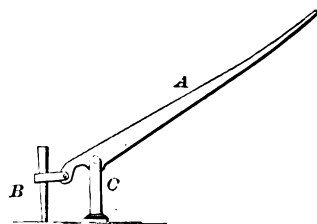
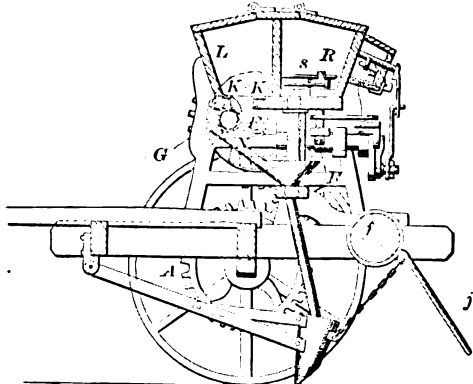
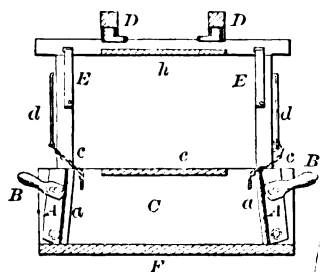
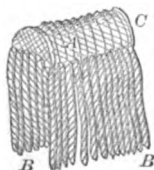
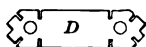
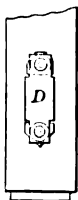
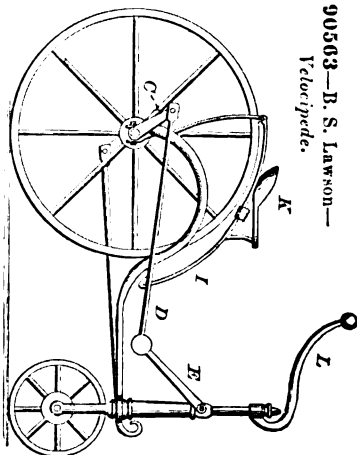


90552—J. T. Jones—Sewing Machine.

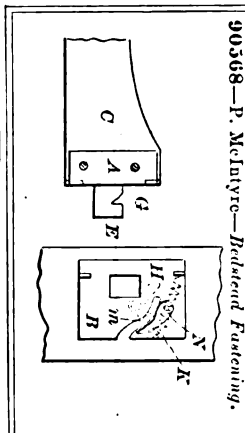
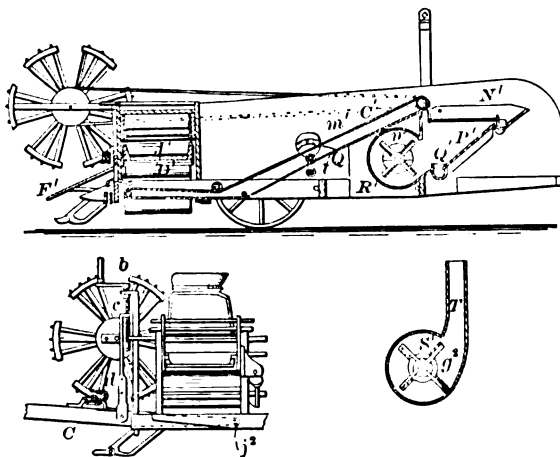
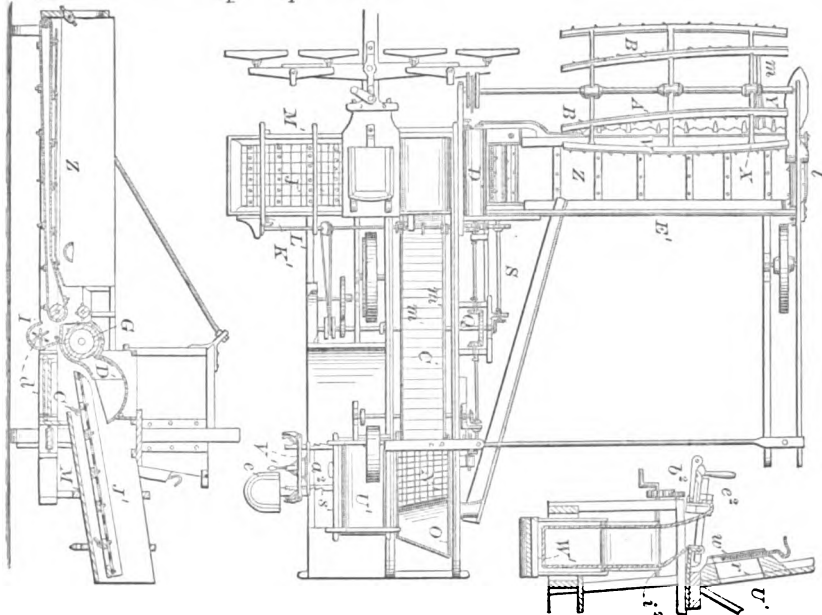


90550—W. Johnson—Washing Machine.

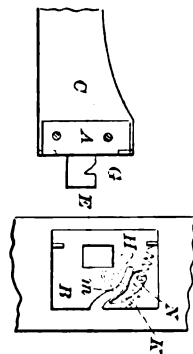


**90555—J. Keller—Brick Machine.****90558—G. King—Sash Lock.****90559—R. Knott—Stake Puller.****90556—J. F. Keller—Seed Drill and Fertilizer.****90560—S. E. Knott—Car Door.****90562—J. Law—Mop.****90567—H. McCown—Nut Lock.****90563—B. S. Lawson—Velocipede.**

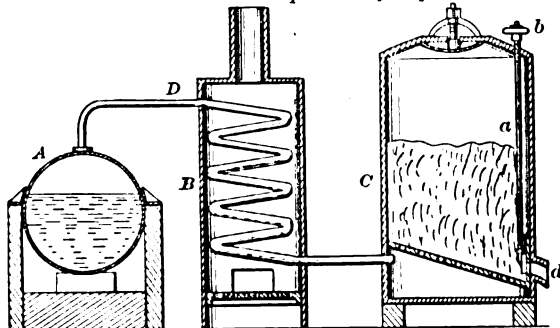
90561—L. B. Lathrop—Reaper and Thresher.



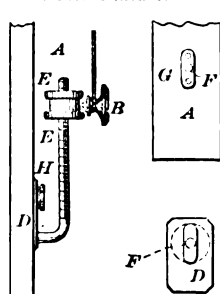
90568—P. McInyre—Bulldog Fastening.

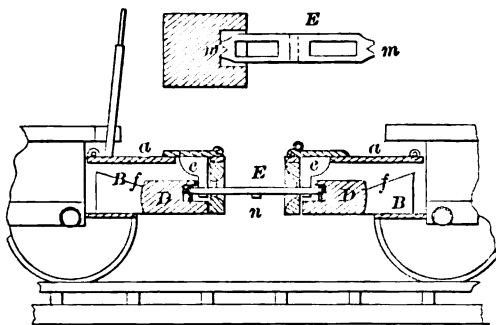
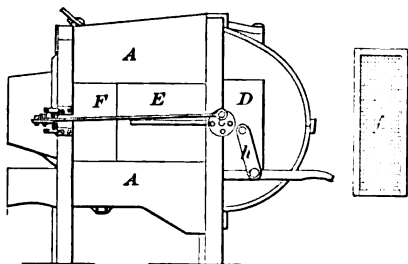
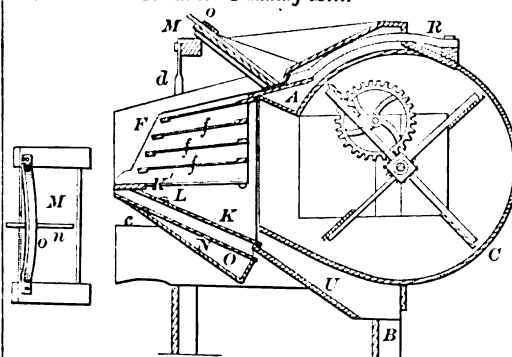
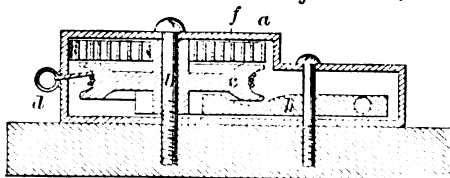
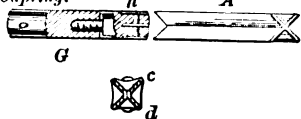
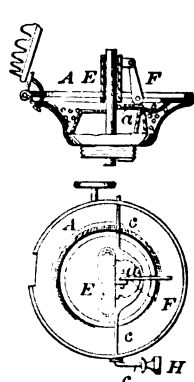
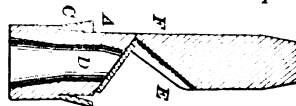
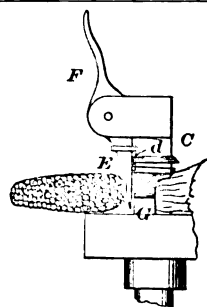
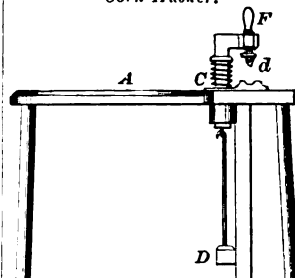
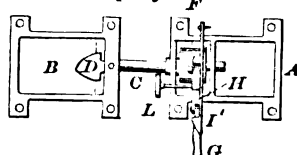


90566—G. E. Marshall—Preparation of Paper Stock.



90571—B. Moser—Curtain Fixture.



**90569—McLain & Kelsey—Car Coupling.****90570—E. Michael—Fanning Mill.****90575—G. W. R. Pollock—Burglar Alarm.****90578—Reyburn & Hunter—Lightning Rod Coupling.****90576—A. J. Pritchard—Pump.****90572—C. Newman—Lamp Extinguisher.****90574—Perkins & Crandall—Corn Husker.****90573—W. B. Parsons—Car Coupling.**

90577—J. Repetti—*Cake Machine.*

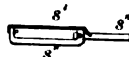
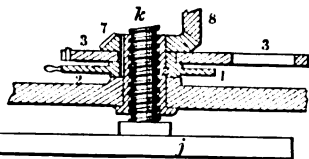
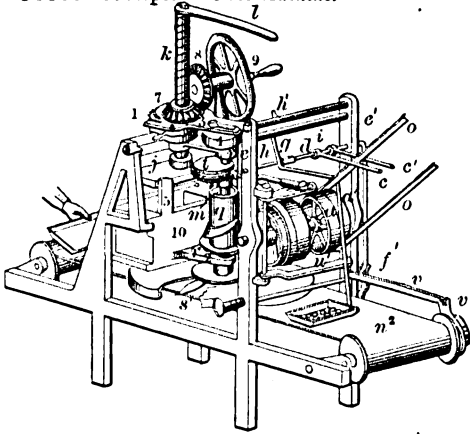
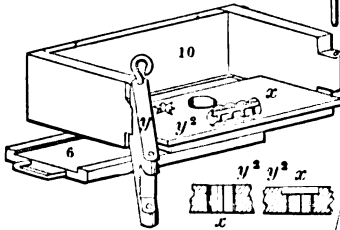
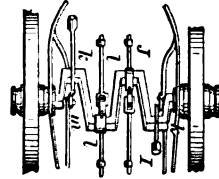
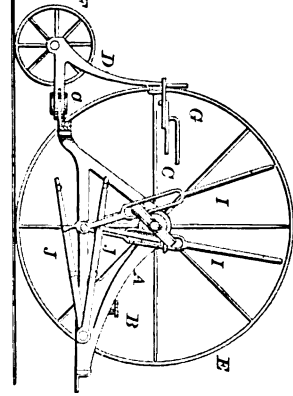


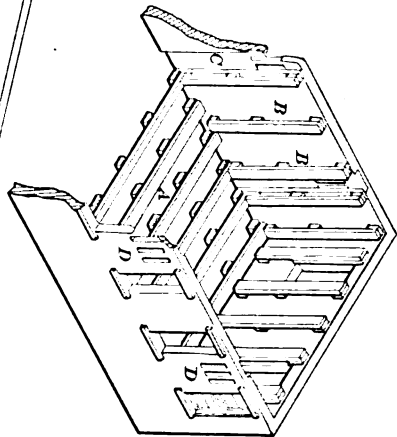
Fig. 6



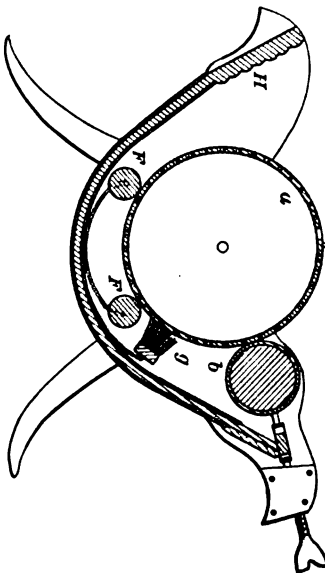
90579—J. Reynolds—*Velocipede.*



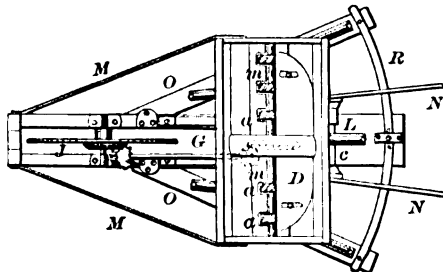
90580—M. M. Reily—*Ventilator.*



90581—Riker & Torrey—*Washing Machine.*



90582—J. L. Riter—*Grain Drill.*





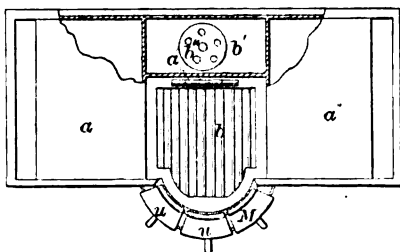
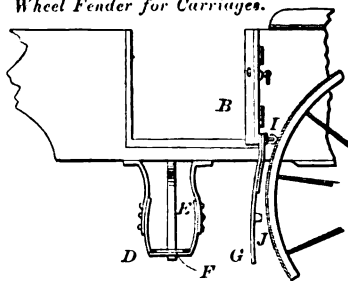
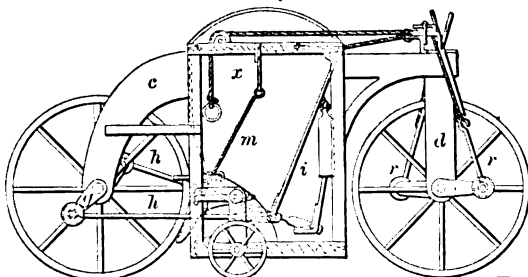
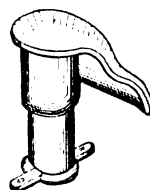
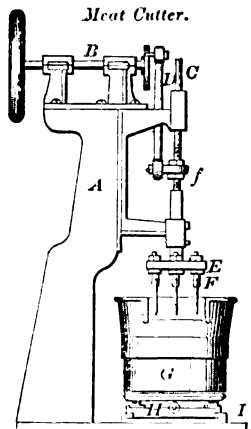
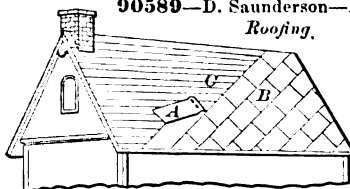
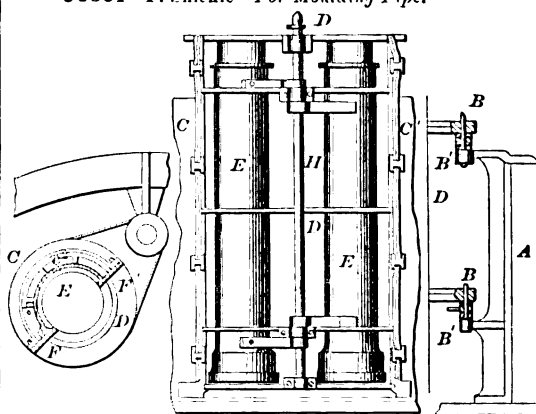
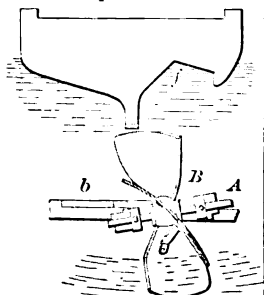
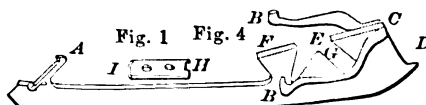
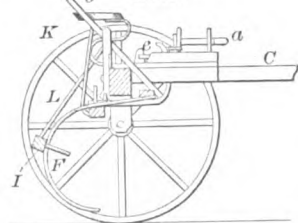
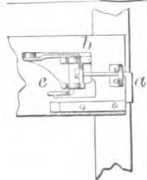
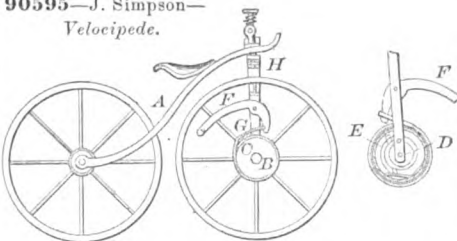
**90583**—H. R. Robbins—*Range.***90584**—J. Roberts—*Step Cover and Wheel Fender for Carriages.***90585**—P. C. Rowe—*Velocipede***90586**—J. A. Rumsey—*Pump.***90588**—F. S. Rutchman—*Meat Cutter.***90589**—D. Saunderson—*Metallic Roofing.***90591**—F. Shickle—*For Moulding Pipe.***90590**—C. Sharps—*Propeller.***90587**—R. J. Russell—*Skate.*

Fig. 1 Fig. 4

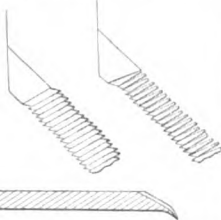
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Rake.



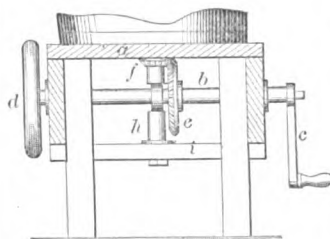
90595—J. Simpson—  
Velocipede.



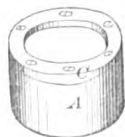
90593—G. F. Simonds—  
Sickle Section.



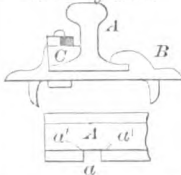
90594—J. Sissons—Ice Cream  
Freezer.



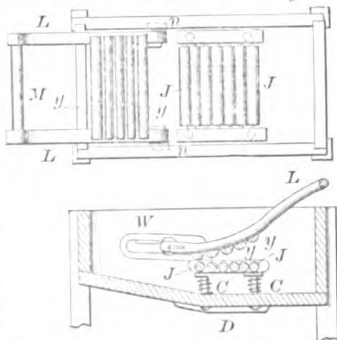
90596—S. Simpson—  
Die.



90597—A. F. Smith—  
Railway Rail.



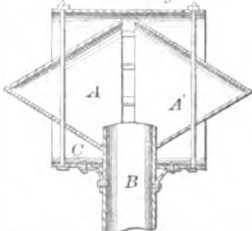
90598—C. P. Snow—Washing Machine.



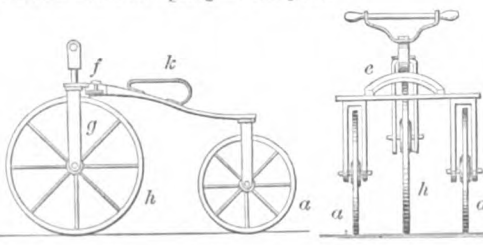
90599—G. K. Snow—Paper Cuff.



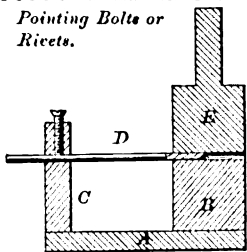
90600—T. S. Speakman—  
Chimney Coal.



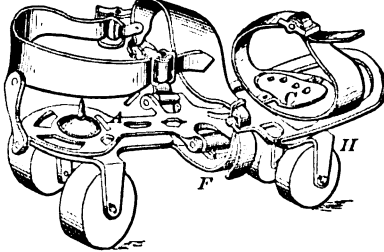
90601—C. & A. Spring—Velocipede.



**90602—J. Stacher—For**  
Pointing Bolts or  
Rivets.



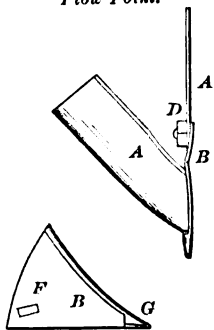
**90603—G. K. Stillman—Skate.**



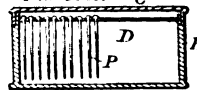
**90607—W. Tibbals—**  
Cartridge.



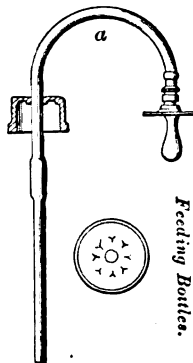
**90604—O. O. Storle—**  
Plow Point.



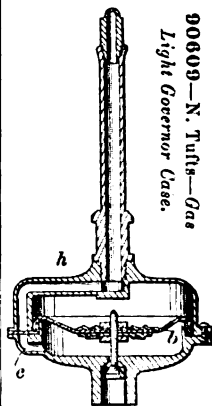
**90608—T. R. Timby—**  
Pin Case.



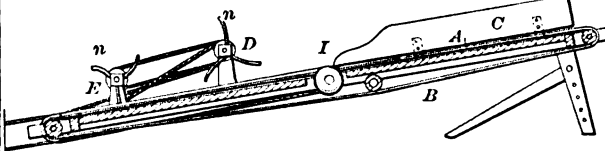
**90606—Thompson & Ingram—Cup for**  
Feeding Bottles.



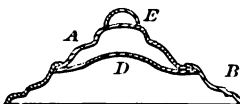
**90609—N. Tufts—Gas**  
Light Governor Case.



**90605—L. Sumner—Band Cutter for Threshing Machines.**

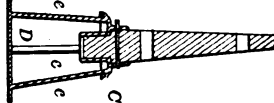


**90610—**  
Ulrich & Hachmeister—

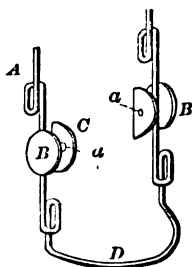


*Harness Ornament.*

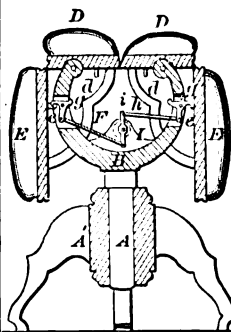
**90611—G. Unger—Fence Post**  
Socket.



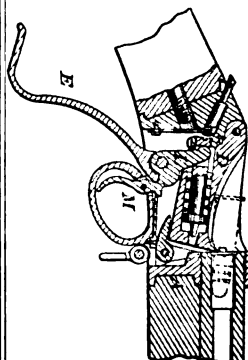
**90612—A. Viridet—**  
Bridle Bit.



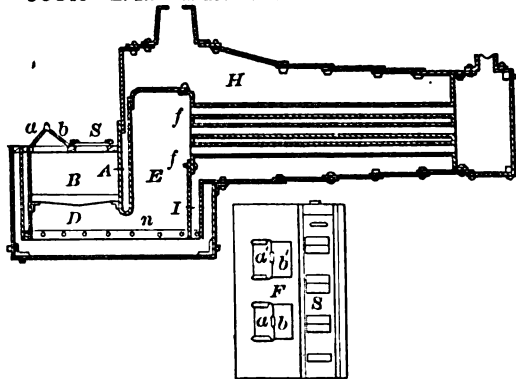
**90613—H. & V. Vogel—Piano Stool.**



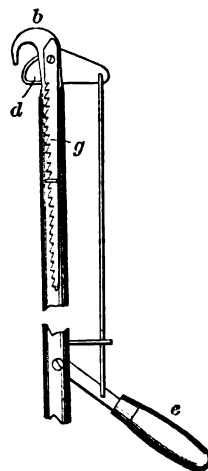
**90614—F. Von Martini—Fire Arm.**



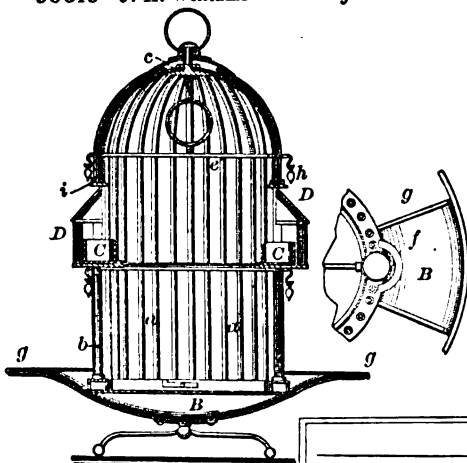
90615—L. R. Wallace—Boiler Furnace.



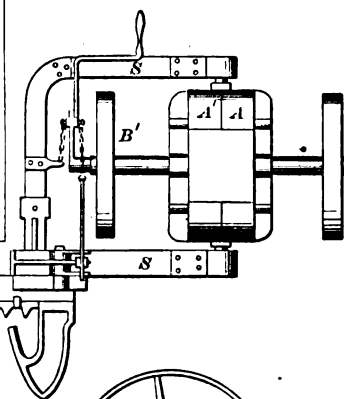
90618—G. F. Waters—Pruning Implement.



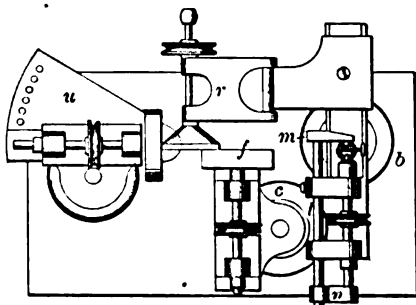
90619—J. H. Williams—Bird Cage.



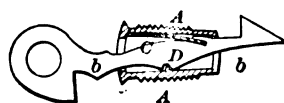
90621—G. W. N. Yost—Harvester.



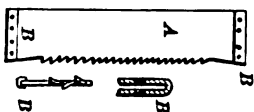
90620—C. V. Woerd—Watch Work.



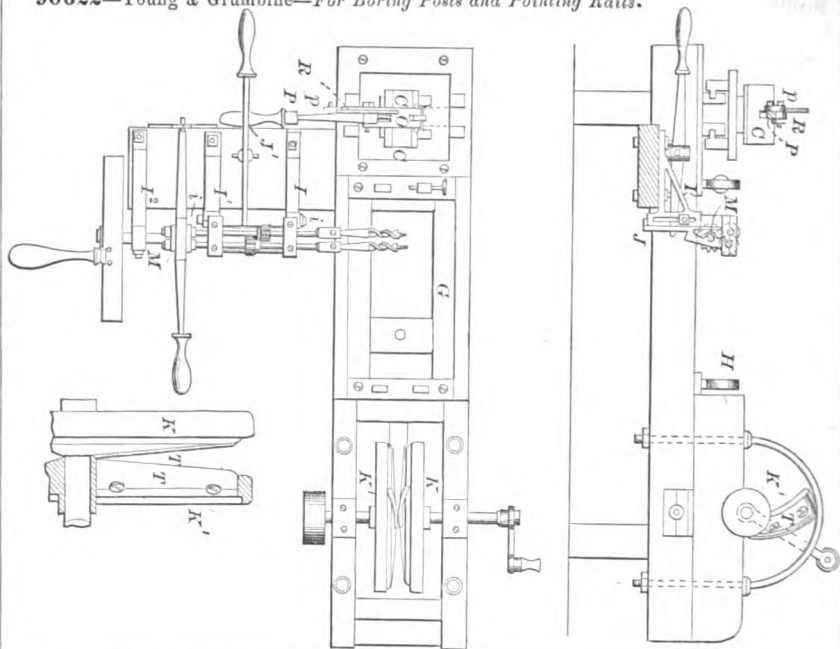
90625—F. & F. Babcock—Blind Fastener.



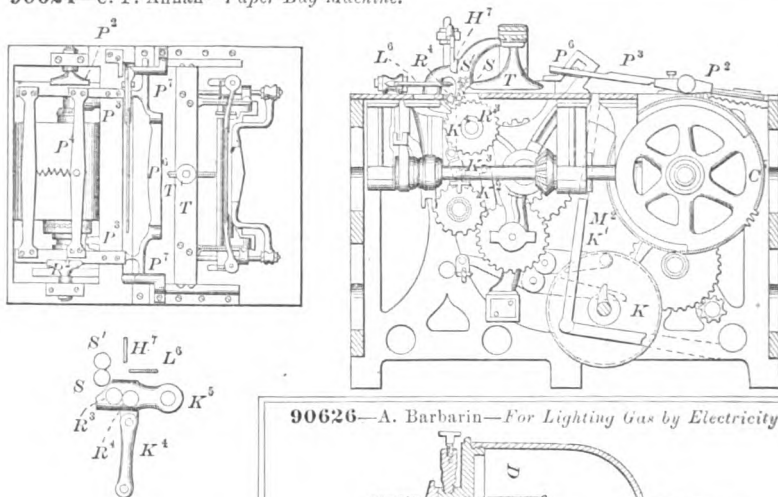
90623—E. Andrews—Saw Strap.



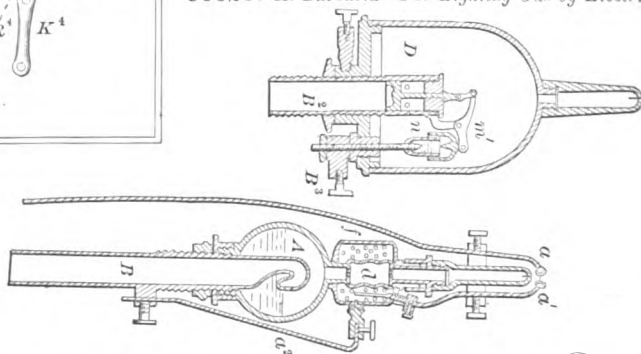
90622—Young &amp; Grumbine—For Boring Posts and Pointing Rails.



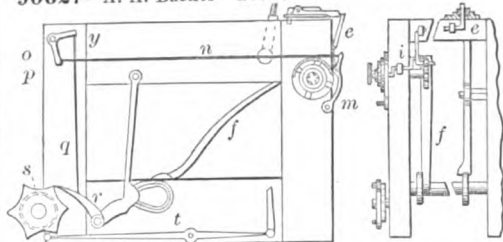
90624—C. F. Annan—Paper Bag Machine.



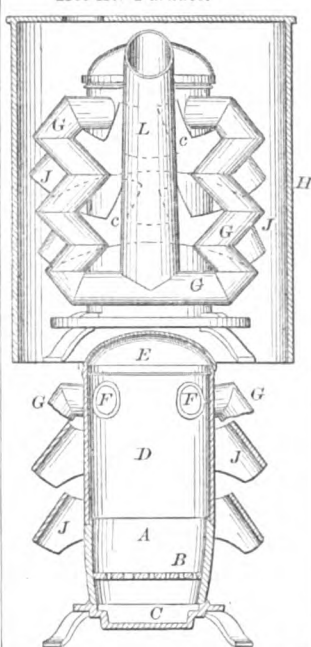
90626—A. Barbarin—For Lighting Gas by Electricity.



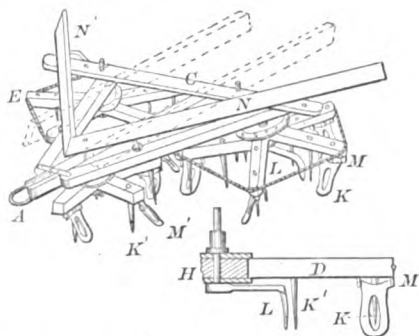
90627—A. A. Barker—Loom.



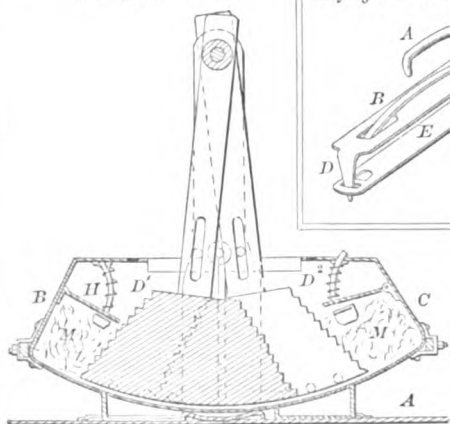
90630—P. D. Beckwith—  
Hot Air Furnace.



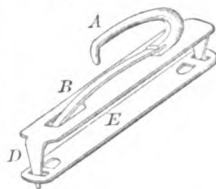
90628—C. Bates—Harrow.



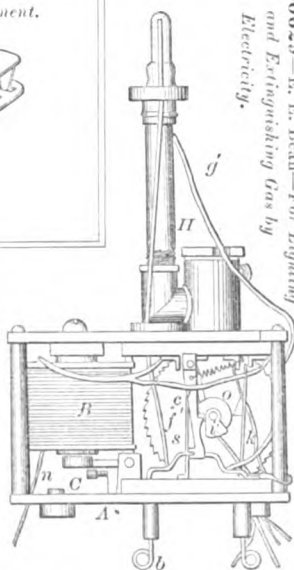
90633—Brisco & Blackham—  
Felting Machine.



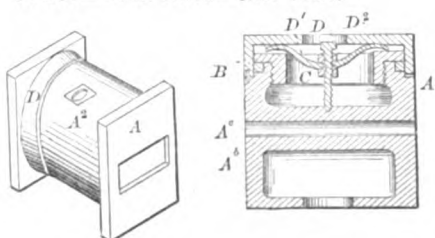
90632—C. V. Boughton—  
Safety Pocket Attachment.



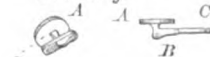
90629—E. E. Bean—For Lighting  
and Extinguishing Gas by  
Electricity.

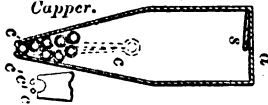
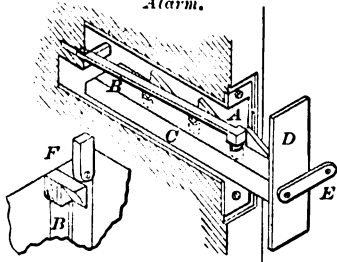
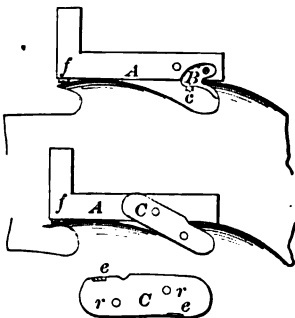
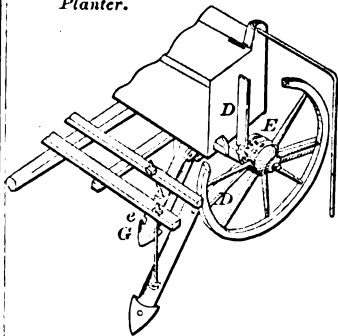
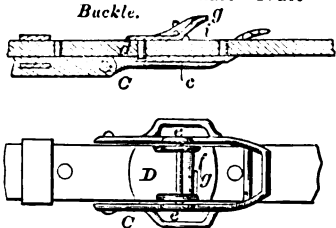
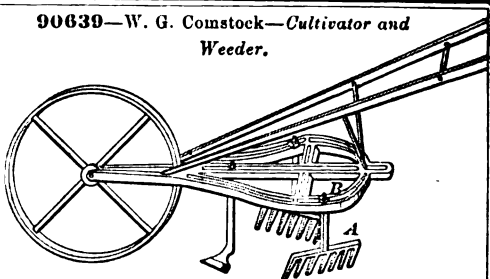
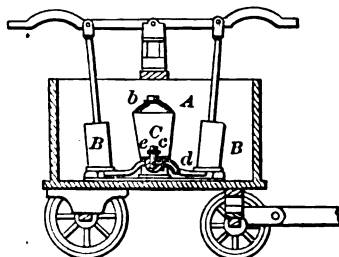
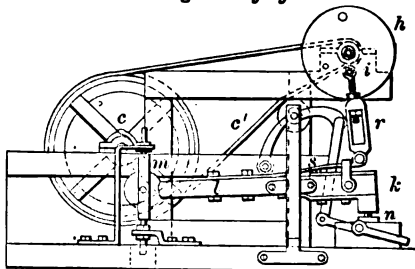
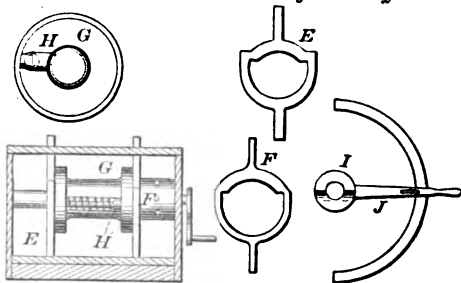
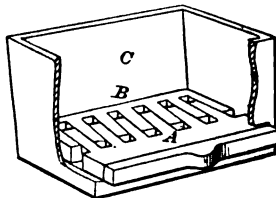


90635—W. K. Cavett—Slide Valve.

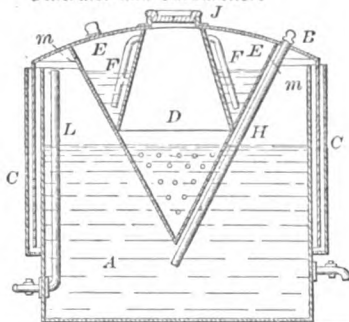


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Fastening.

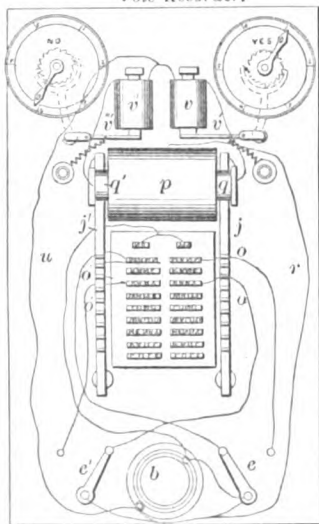


**90634**—H. Buffington—Gun  
Copper.**90636**—H. D. Chance—Burglar  
Alarm.**90638**—H. Clendenen—Saw Set.**90640**—A. Lee Crow—Corn  
Planter.**90641**—E. A. Crownhart—Trace  
Buckle.**90639**—W. G. Comstock—Cultivator and  
Weeder.**90637**—I. H. Clark—Chemical Fire Engine.**90642**—S. B. Dodge—Forging Hammer.**90643**—S. Dunbar—Steam Engine Cut-off.**90645**—B. W. Dunklee—Grate.

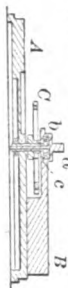
**90644**—C. F. Dunderdale—*Gas Generator and Carburettor.*



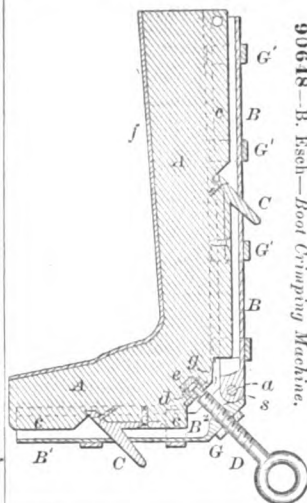
**90646**—T. A. Edison—*Electrographic Vote Recorder.*



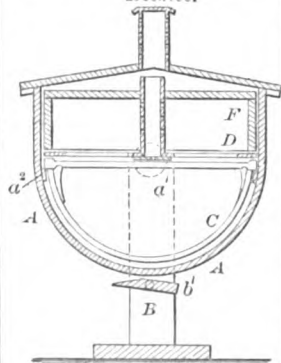
**90647**—J. Elson—*Watch.*



**90648**—B. Esch—*Boot Crimping Machine.*



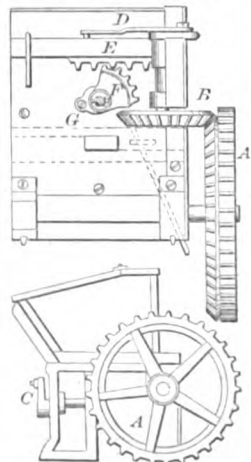
**90649**—I. B. Farquhar—*Beehive.*



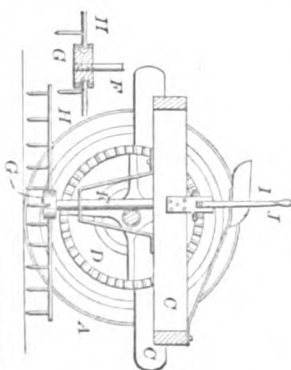
**90651**—W. E. Fischer—*Lasting Machine.*



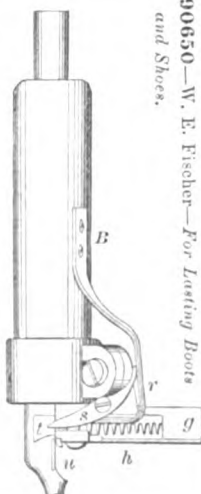
**90653**—J. F. Fisher—*Fertilizer and Seed Drill.*



**90652**—C. P. Fisher—*Harrow.*

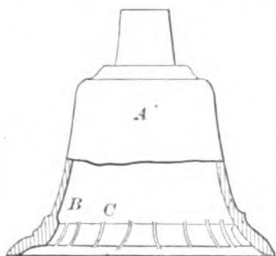


**90650**—W. E. Fischer—*For Lasting Boots and Shoes.*

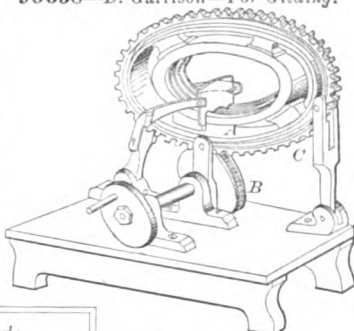




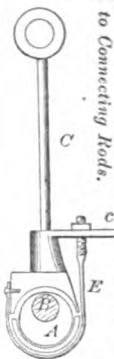
90654—W. Fletcher—Bell.



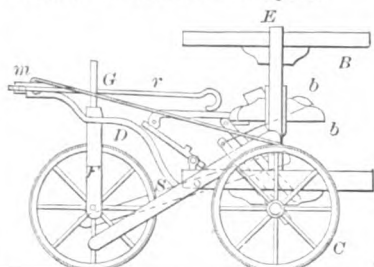
90658—D. Garrison—For Gilding.



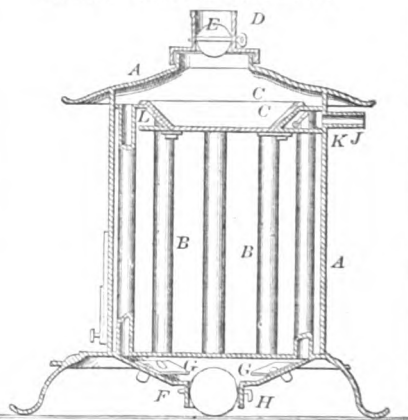
90655—G. Fowler—For Adjusting Eccentrics to Connecting Rods.



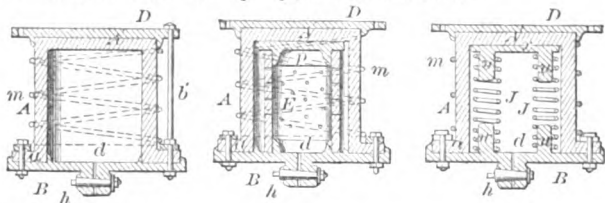
90656—W. Frankel—Velocipede.



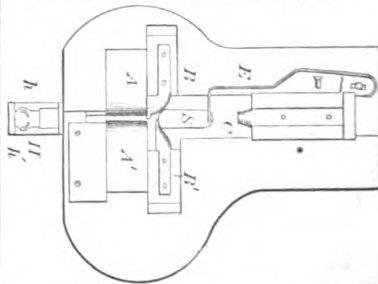
90660—Graves &amp; Clark—Stove.



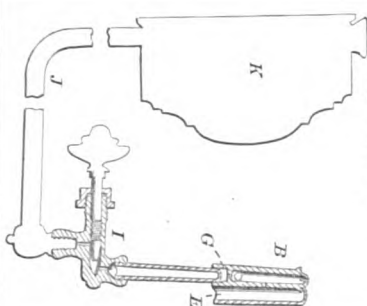
90657—P. G. Gardiner—Air Spring for Railroad Cars.



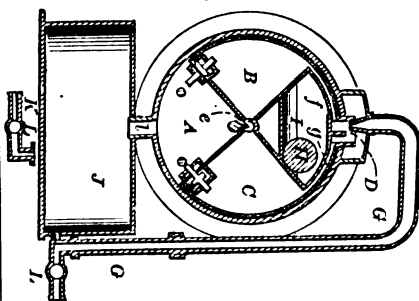
90661—J. L. Hall—Bolt Machine.



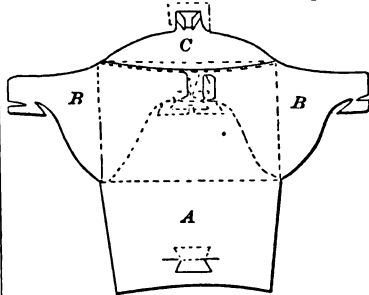
90659—Gates &amp; Fritchey—Vapor Burner.



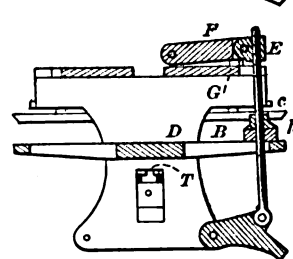
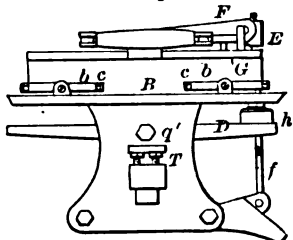
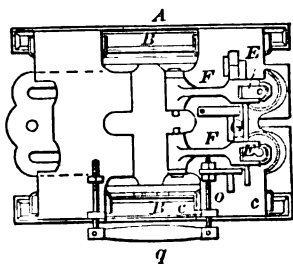
90662—T. C. Hargrave—Water Meter.



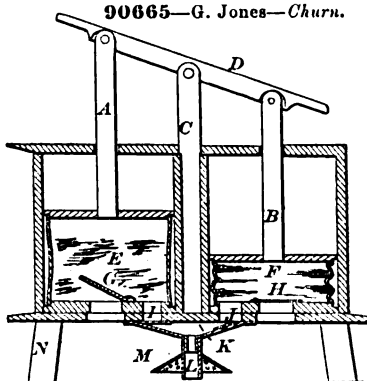
90663—B. J. Hoffacker—Envelope.



90664—C. Holmes—For Scouring and Setting out Leather.



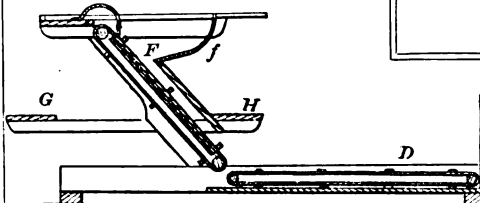
90665—G. Jones—Churn.



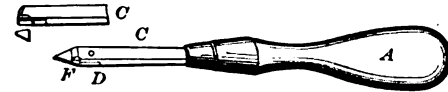
90667—J. W. Kingman—Metallic Hooping.



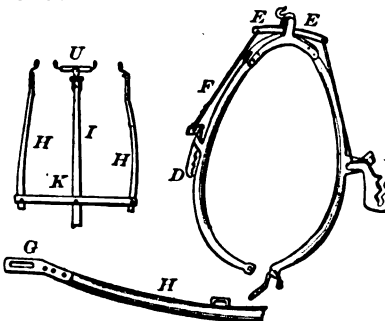
90666—J. H. Jones—Harvester.



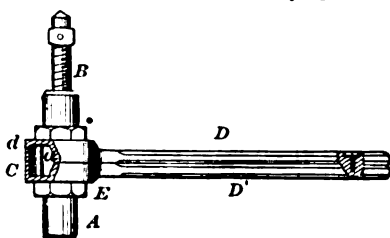
90668—M. Kleeman—Brad Setter.



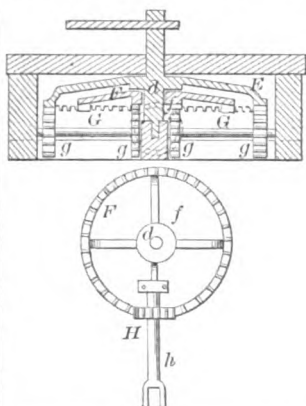
90669—J. L. Kreider—Harness.



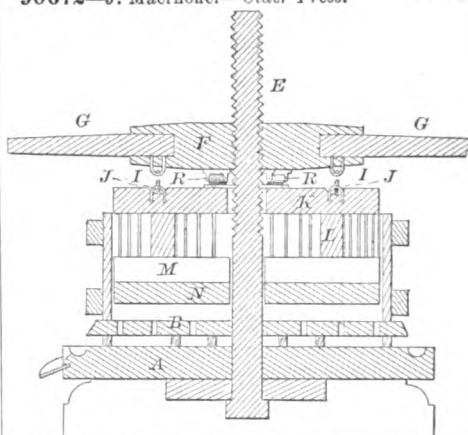
90670—S. Lauchli—Drilling Apparatus.



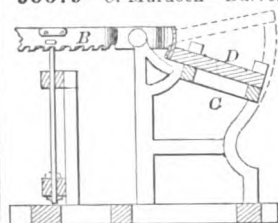
90671—J. E. Lutz—Horse Power.



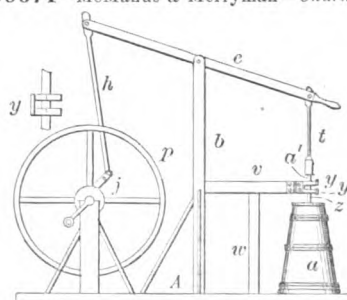
90672—J. Maerhoffer—Cider Press.



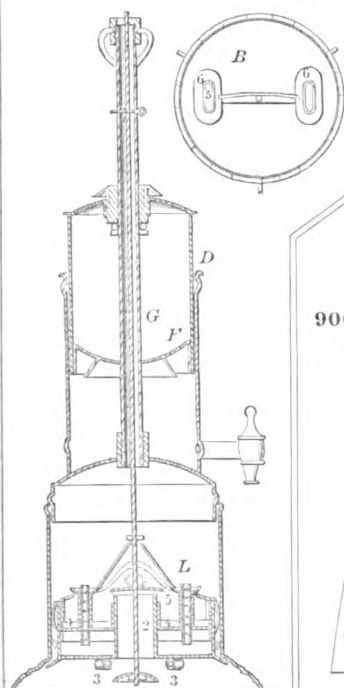
90679—C. Murdock—Barrel Stave.



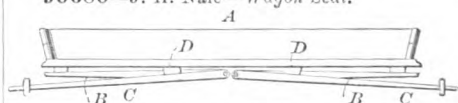
90674—McManus &amp; Merryman—Churn.



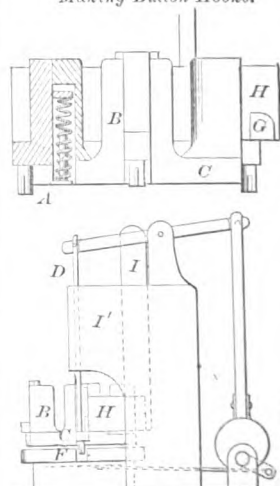
90676—J. Montgomery—Coffee Pot, Boiler, Digester, Oven and Lamp.



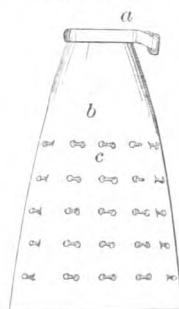
90680—J. H. Nale—Wagon Seat.



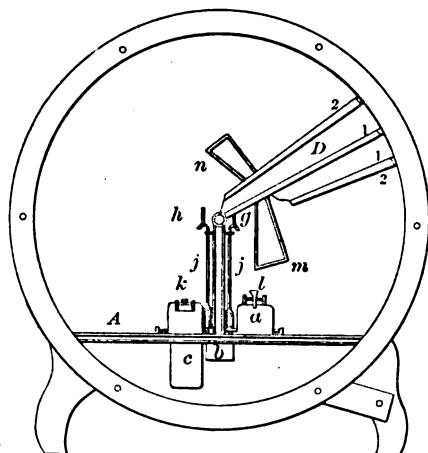
90681—J. S. Palmer—For Making Button Hooks.



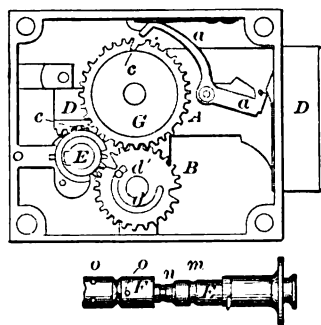
90673—J. Mayer—Hoop Skirt.



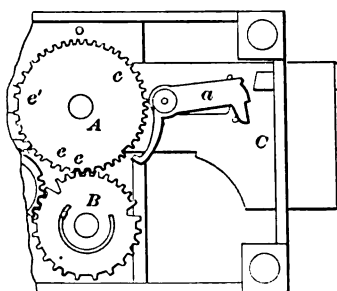
90678—G. R. Moore—*Gas and Water Meter.*



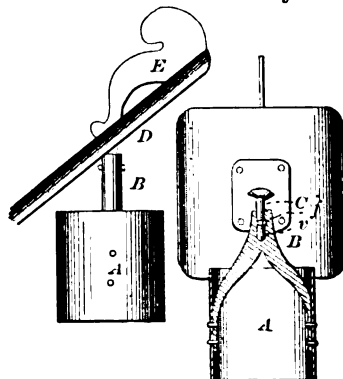
90682—O. E. Pillard—*Lock.*



90683—O. E. Pillard—*Lock.*



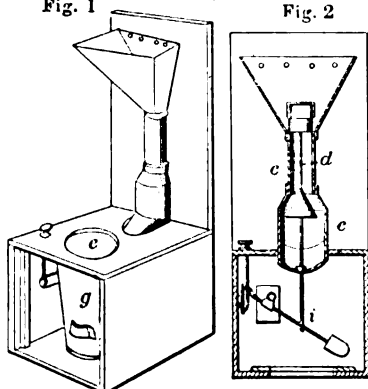
90684—J. F. Pond—*Chimney Cool.*



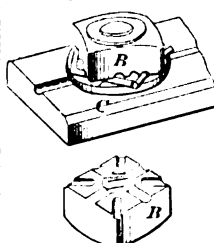
90688—Reed & Fowle—*Dry Earth Water Closet.*

Fig. 1

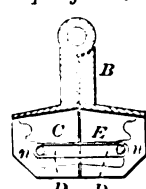
Fig. 2



90685—W. P. Porter—*Nut Lock.*



90686—L. Preston—*Spring Butt.*



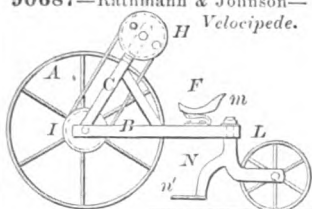
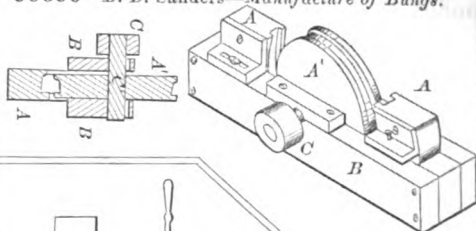
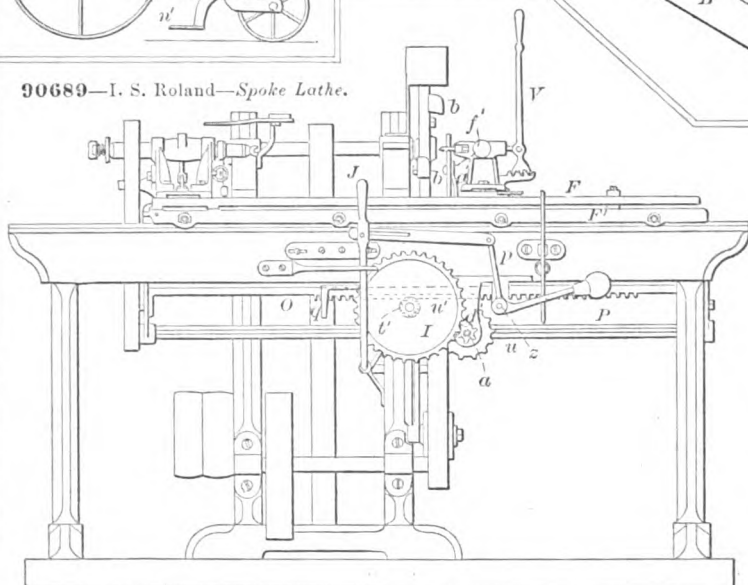
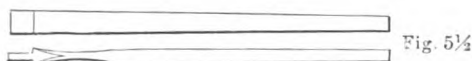
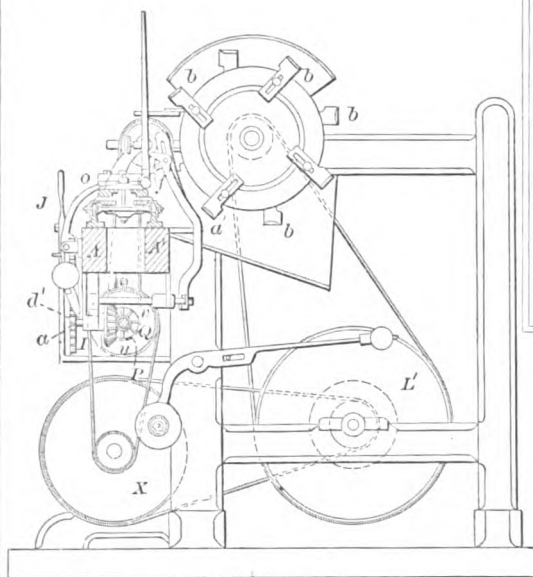
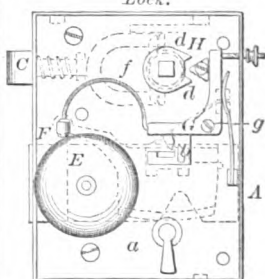
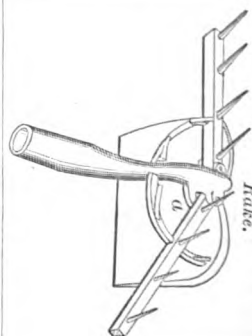
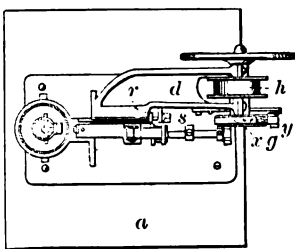
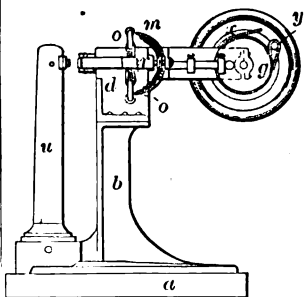
90687—Rathmann & Johnson—*Velocipede.*90690—B. D. Sanders—*Manufacture of Bungs.*90689—I. S. Roland—*Spoke Lathe.*90692—N. Senbert—*Alarm Lock.*

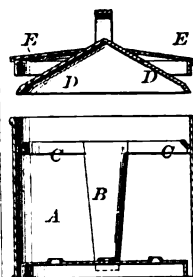
Fig. 5 1/2

90691—E. Le Roy Senour—*Hoe and Rake.*

**90693**—T. Shaw—*Riveting Machine.*

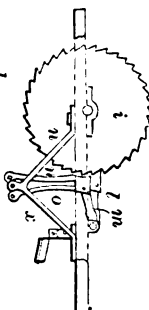
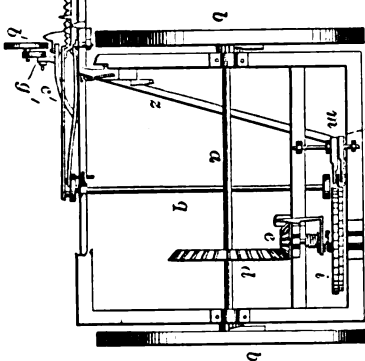


**90694**—J. Shedd—

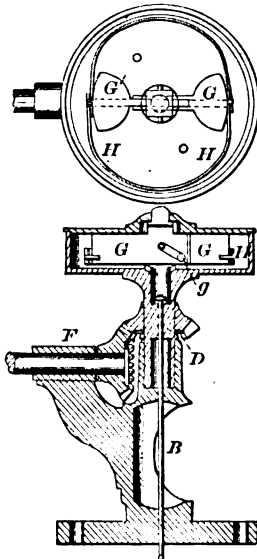


*Wash Boiler.*

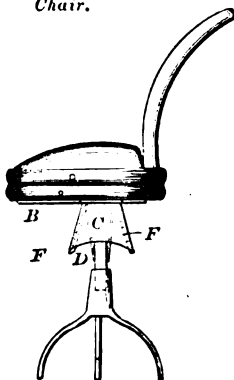
**90697**—A. Soule—*Mowing Machine.*



**90696**—W. Smith—*Governor.*



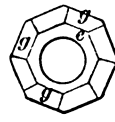
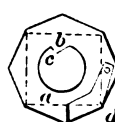
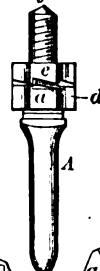
**90701**—D. E. Teal—*Chair.*



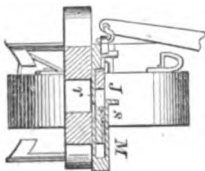
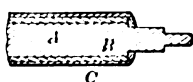
**90695**—H. J. Smith—*Paper and Print Roller.*



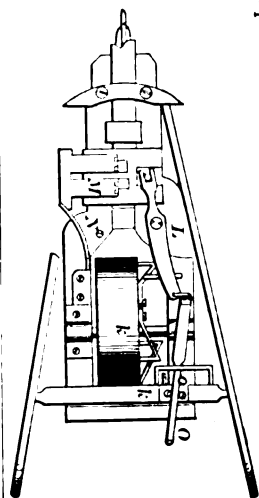
**90690**—J. J. Steward—*Locking Burr.*



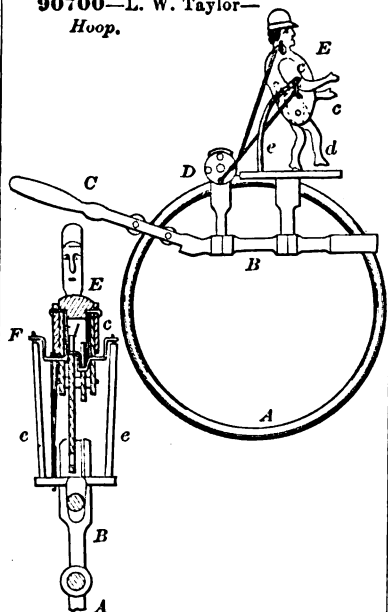
**90702**—S. D. Tucker—*Lithographic Inking Roller.*



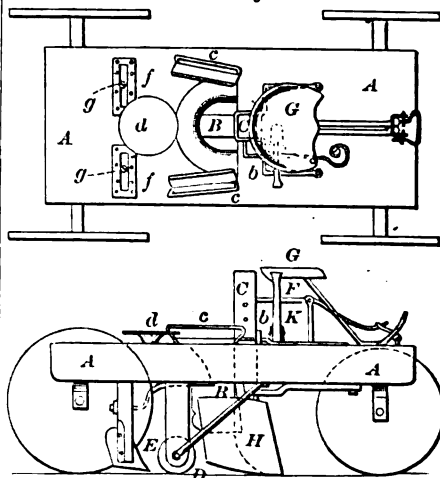
**90698**—M. M. Sprinkle—*Corn Planter and Fertilizer.*



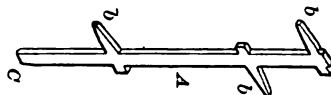
90700—L. W. Taylor—  
Hoop.



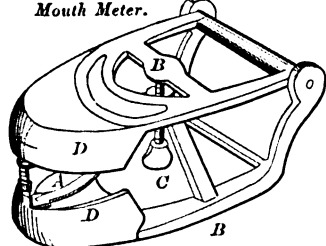
90703—J. J. Tucker—Hedge Planter.



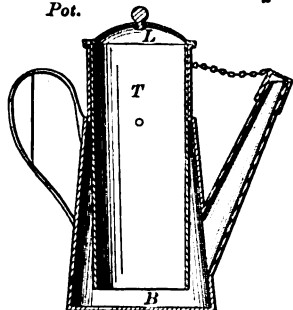
90704—S. D. Tuttle—Punch and Screwdriver.



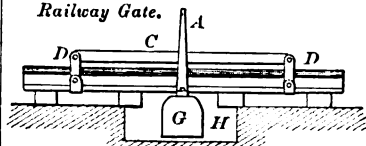
90705—C. Von Bonhorst—Dental  
Mouth Meter.



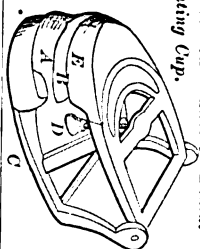
90707—A. B. Walters—Coffee  
Pot.



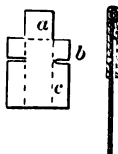
90708—Waltz, Soliday & Hamsher—  
Railway Gate.



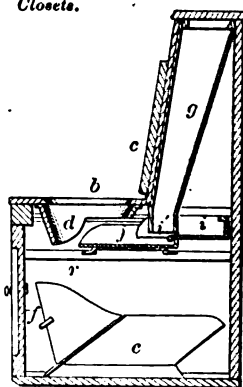
90706—C. Von Bonhorst—Dental  
Articulating Cup.



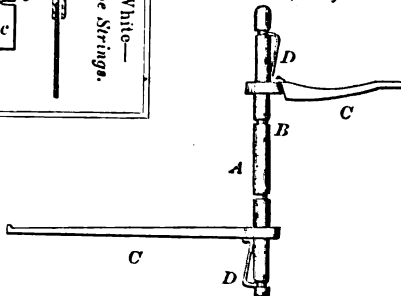
90710—G. H. White—  
Ferrule for Shoe Strings.



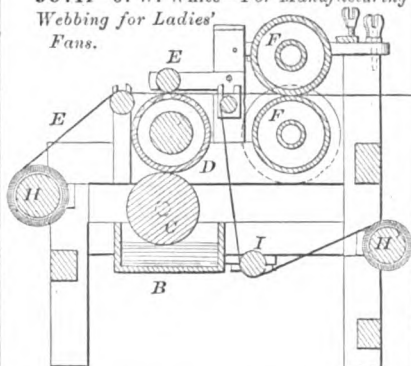
90709—G. E. Waring, Jr.—  
For Deodorizing Water  
Closets.



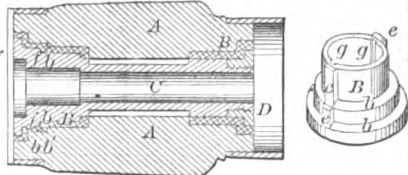
90712—D. D. Whitney—  
Store Shelf.



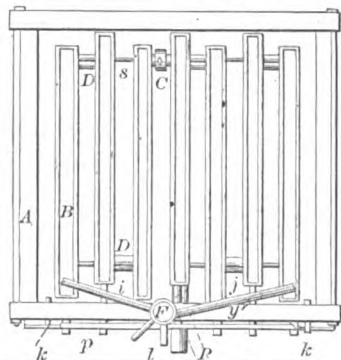
**90711**—J. W. White—For Manufacturing Webbing for Ladies' Fans.



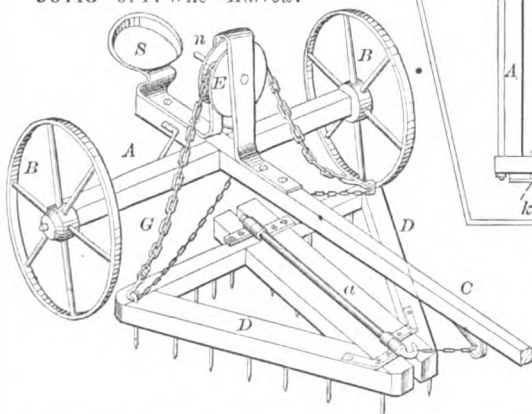
**90714**—E. G. Woodside—Carriage Wheel.



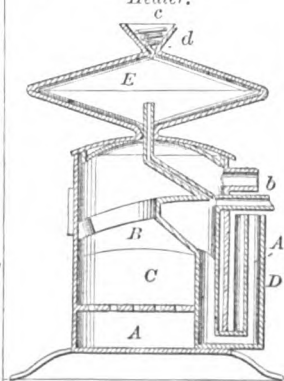
**90716**—J. Agate—Beer Cooler.



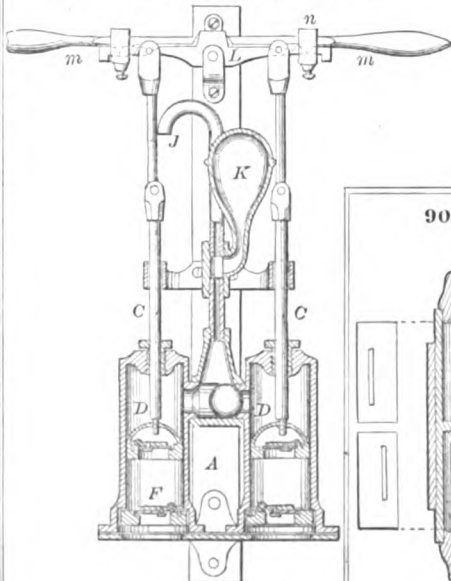
**90713**—J. P. Wile—Harrow.



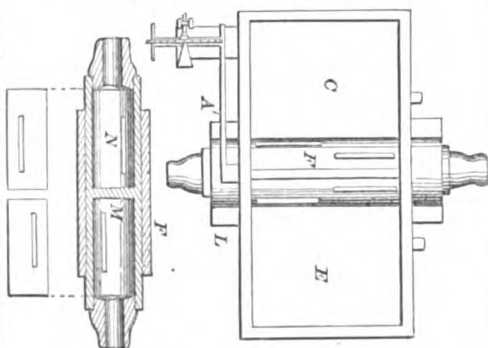
**90720**—A. C. Bacon—Heater.



**90718**—J. S. Appel—Pumping Lever.

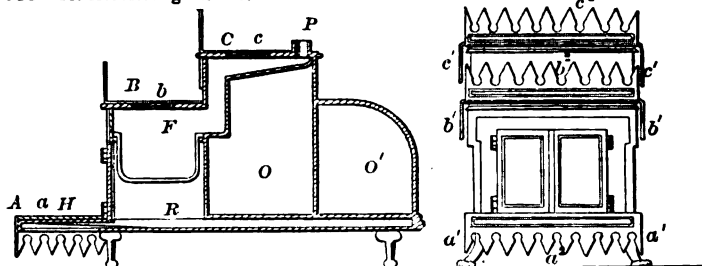


**90717**—R. N. Allen—Water Meter.

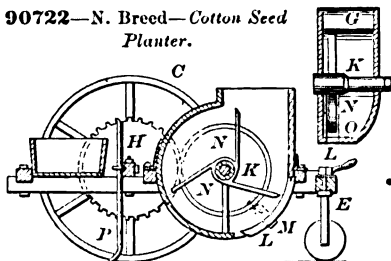




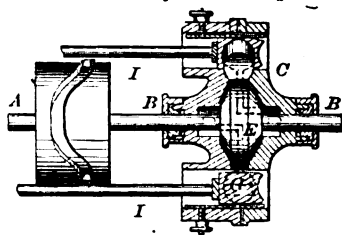
90719—M. Armstrong—Stove.



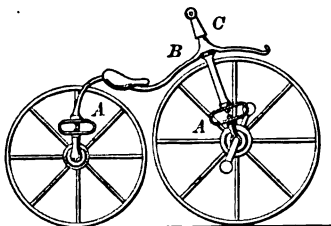
90722—N. Breed—Cotton Seed Planter.



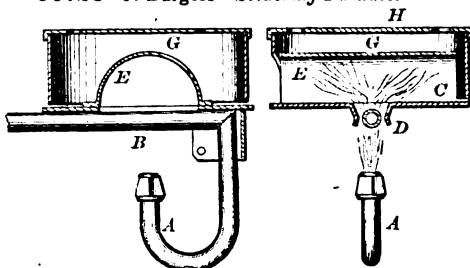
90721—A. Bailey—Steam Engine.



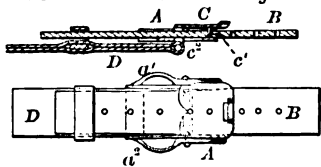
90723—G. C. Buell—Velocipede.



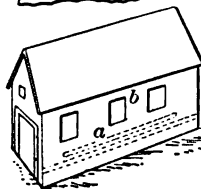
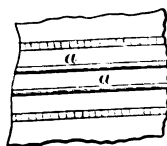
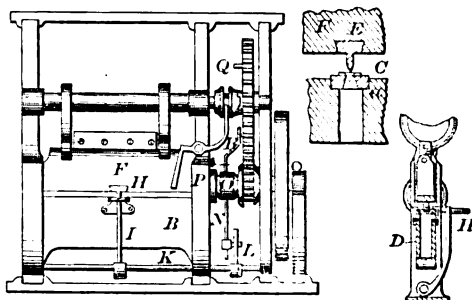
90724—J. Burgess—Soldering Furnace.



90725—D. S. Butler—Tug Buckle.

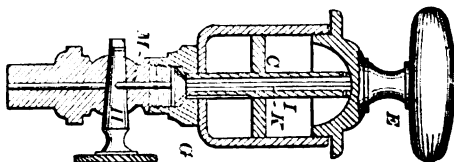


90726—L. Chapman—For Forming Bits for Axes.

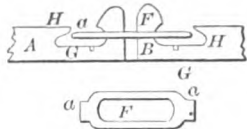


90727—R. A. Chesebrough—For Preventing Canada, etc., from being Closed by Ice.

90728—I. Church, Jr.—Lubricator.



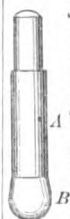
90730—J. W. Currier—Car Coupling.



90732—J. Curtis—Projectile.

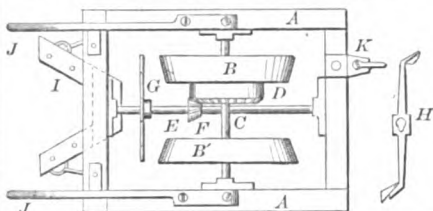


90731—J. W. Currier—For Holding Interfering Bands in Place.

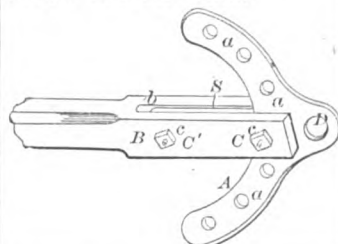


90733—H. T. Cushman—Composition Paper Polisher.

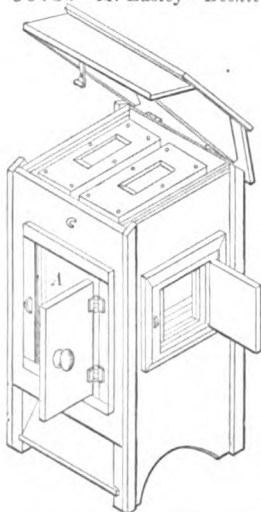
90734—S. C. Darden—Cotton Cultivator.



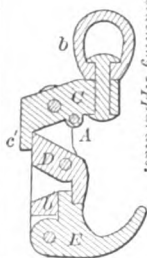
90736—E. Evans—Cleave.



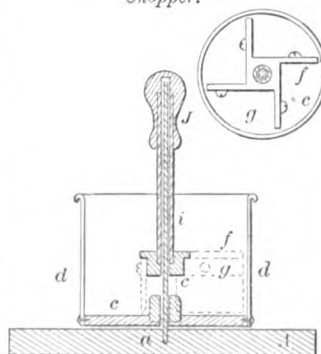
90735—M. Easley—Beehive.



90738—J. Foster, Jr.—Boat Ditching Apparatus.



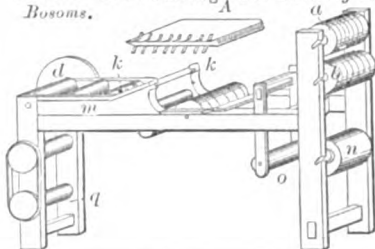
90737—C. H. Finson—Meat Chopper.



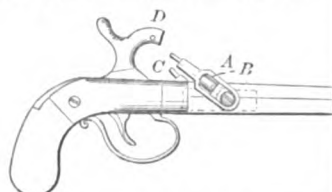
90740—C. Günther—Coating Threads with Mordant.



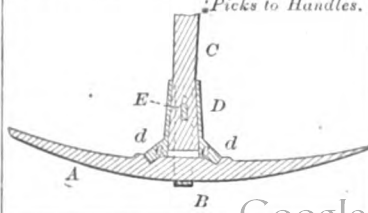
90739—E. P. Furlong—For Forming Shirt Bosoms.



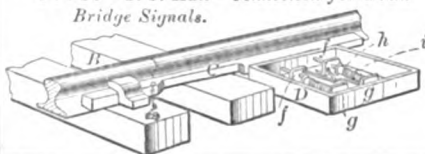
90741—J. W. Goodale—Fire Arm.



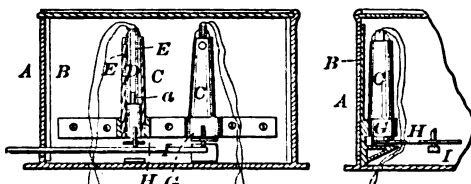
90742—Grover & Randall—Attaching Picks to Handles.



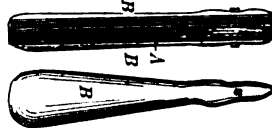
90743—T. S. Hall—Connection for Draw Bridge Signals.



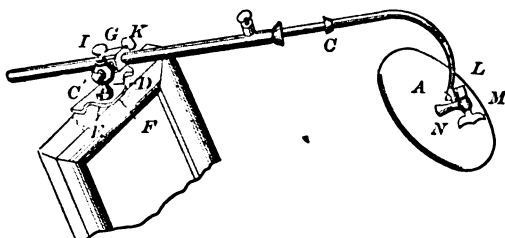
90744—T. S. Hall—Switch Alarm Connection.



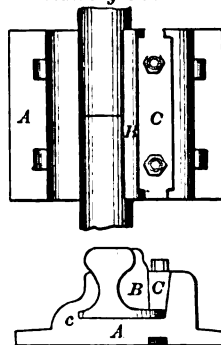
90748—T. W. Hawkins—Fan.



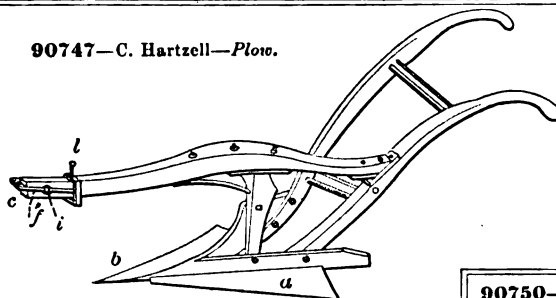
90746—C. J. Hartmann—Looking Glass Attachment.



90745—C. A. Harris—Railway Chain.



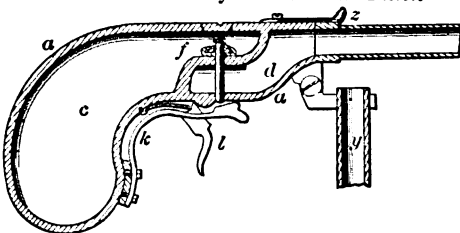
90747—C. Hartzell—Plow.



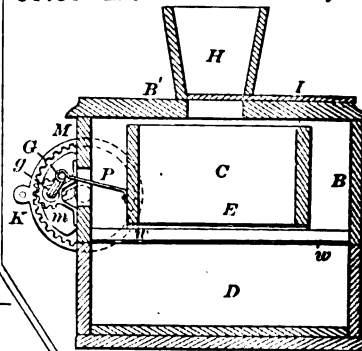
90755—W. A. Ives—Auger Bit.



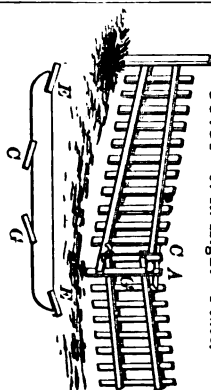
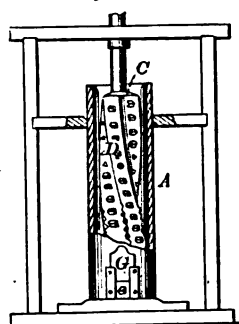
90749—E. H. Hawley—Air Gun and Pistol.



90750—E. C. Hickman—Flour Sifter



90752—S. R. Hockman—Hulling Machine.

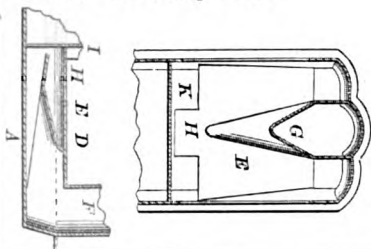


90751—C. R. Hight—Fence.

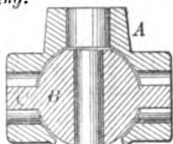
90753—J. Honecker—Boot and Shoe Top.



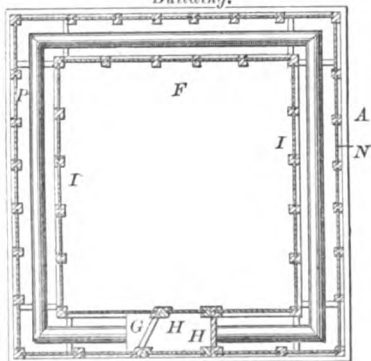
90756—W. J. Keep—Stove.



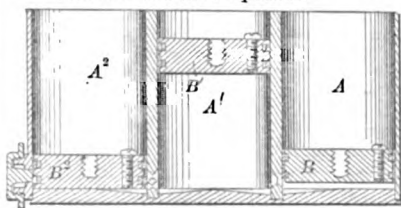
90757—A. J. Langworthy—Shaft Coupling.



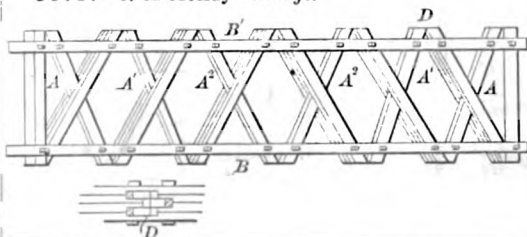
90760—F. Ludlow—Horticultural Building.



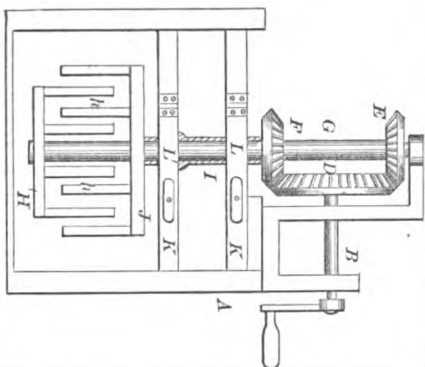
90766—J. A. McClelland—For Treating Colloidion and its Compounds.



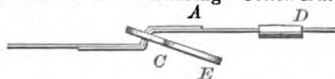
90767—J. A. McKay—Bridge.



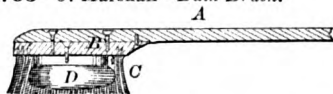
90758—S. Leach—Churn.



90761—E. T. Mainwaring—Cotton Bale Tie.



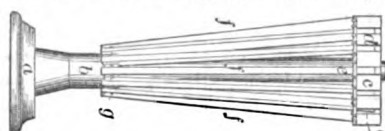
90763—J. Marshall—Bath Brush.



90759—H. C. Lewis—Auger Bit.



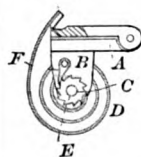
90764—J. McCaskey, Jr.—Clothes Dryer.



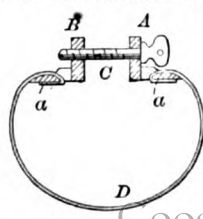
90765—J. A. McClelland—Dental Plate.



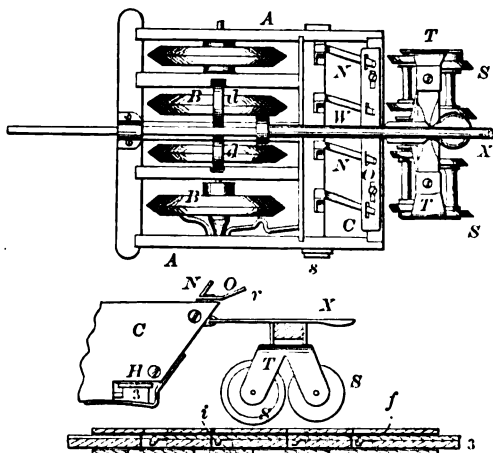
90769—H. B. Middaugh—Hinge.



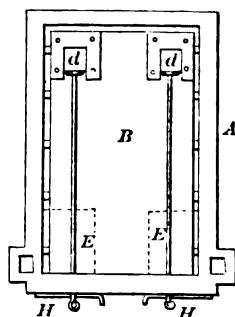
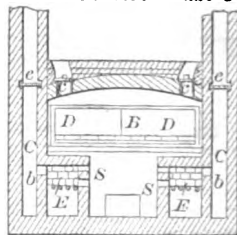
90768—C. S. Meeker—Clamp.



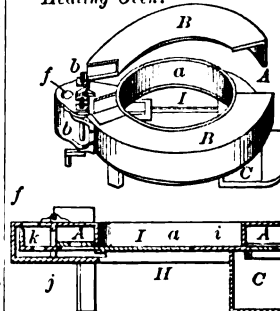
90770—O. F. Momany—Roller Grain Drill.



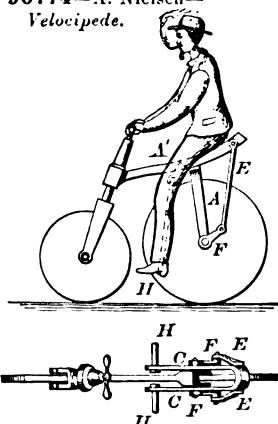
90771—D. Moore—Bake Oven.



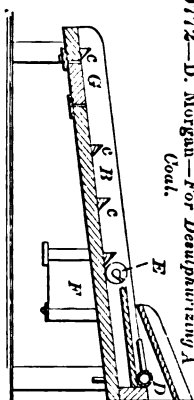
90775—C. G. Nye—Tire Heating Oven.



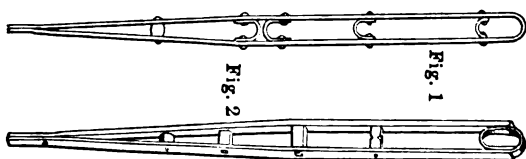
90774—A. Nielsen—Velocipede.



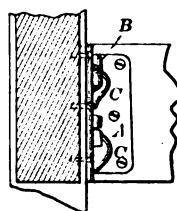
90772—D. Morgan—Cooler for Desulfurizing Acid.



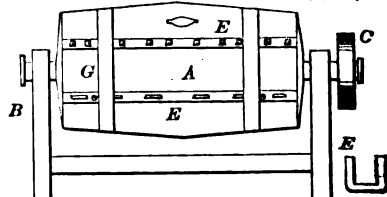
90773—E. G. Nichols—Fence Post.



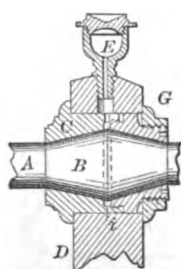
90776—T. O'Keefe—Bedstead Fastening.



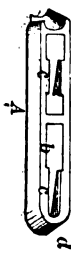
90777—A. B. Paul—Amalgamator for Gold and Silver.



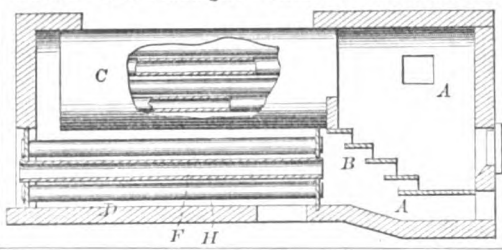
90781—S. W. Putnam, Jr.—Bearing for Spindles and Shafts.



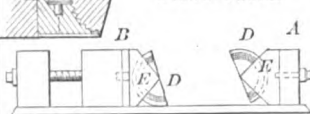
90780—C. D. Purdy—Bedstead Fastening.



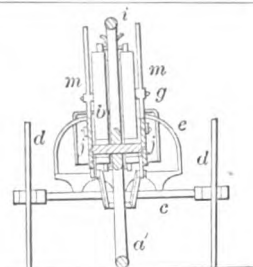
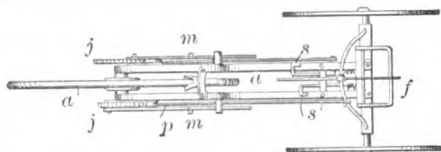
90778—L. C. Pennington—*Steam Generator Furnace.*



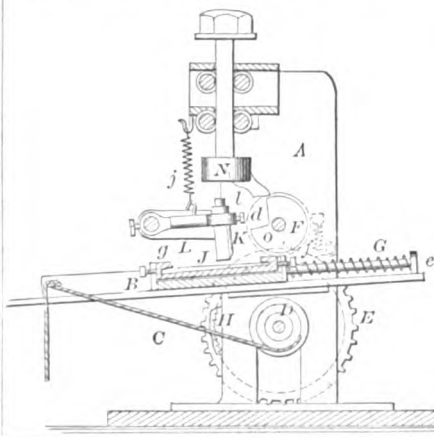
90783—C. H. Riggs—*Auxiliary Jaw for Planer Chuck.*



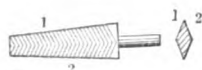
90782—G. P. Reed—*Velocipede.*



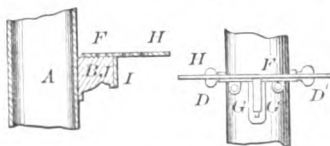
90788—Schultz & Renne—*File Machine.*



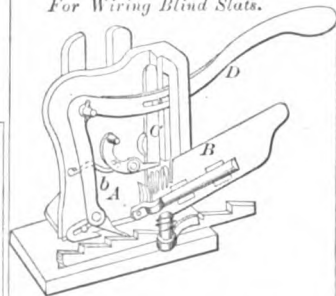
90784—W. Roberts—*Saw File.*



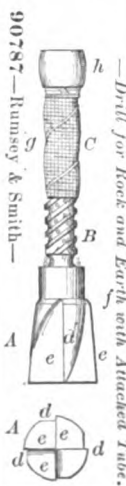
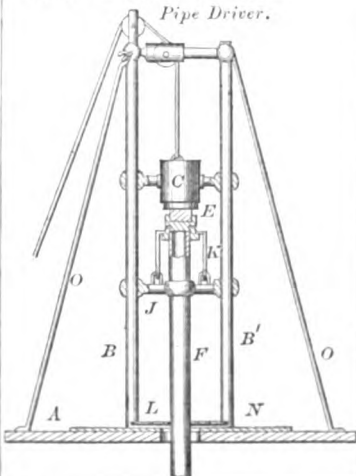
90785—O. Ruggles—*Stove Pipe Shelf.*



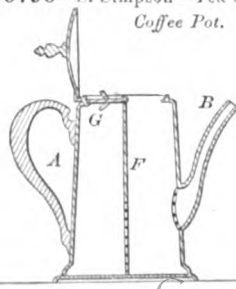
90789—Seymour & Whitlock—*For Wiring Blind Slats.*

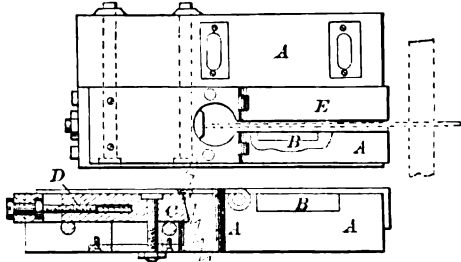
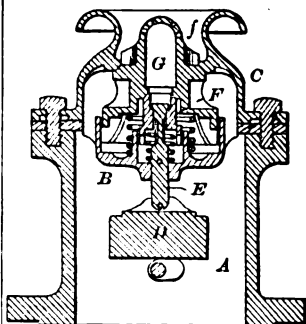
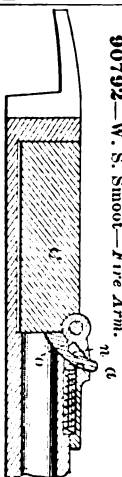
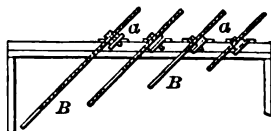
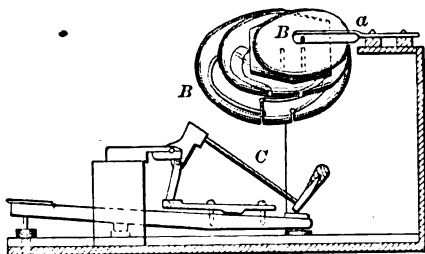
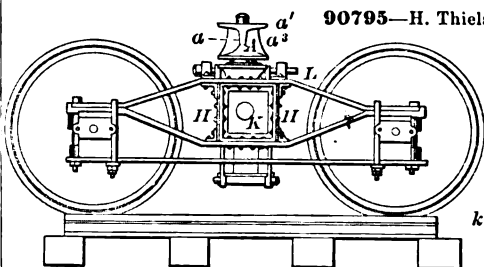
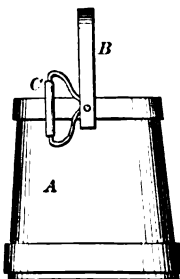
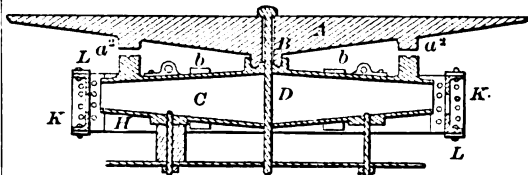
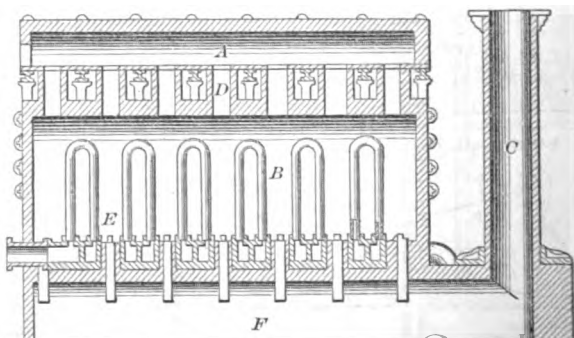


90786—Rumsey & Smith—*Pipe Driver.*

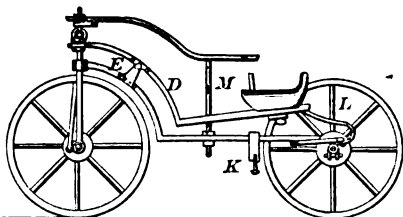


90790—S. Simpson—*Tea and Coffee Pot.*

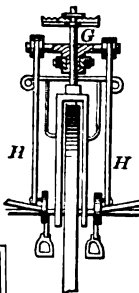


**90791**—G. A. Smith—Saw Guide and Jointer.**90794**—Taylor & Coale—Safety Valve.**90793**—F. Suter—Musical Instrument.**90792**—W. S. Snoot—Fire Arm.**90795**—H. Thielson—Car Truck.**90798**—J. H. Tomlinson—Brick.**90796**—S. & J. Thomas—Oven for Iron Furnaces.

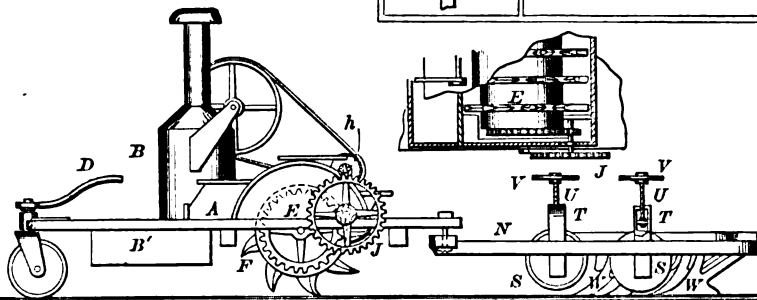
**90797—H. Thompson—*Velocipede.***



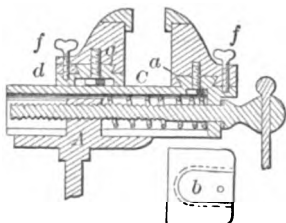
**90802—C. L. Wuestenberg—**  
*Dental Cup.*



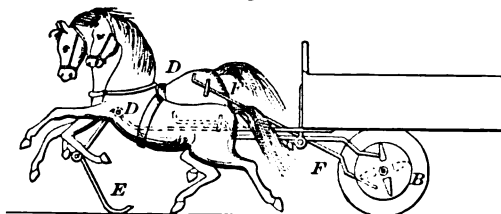
**90799—S. B. Wilkins—Steam Plow.**



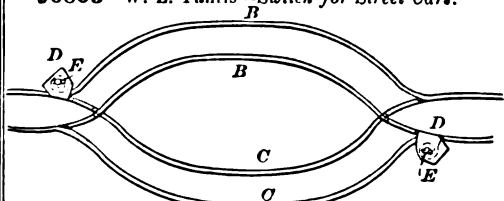
**90800—J. B. Willett—*Vise.***



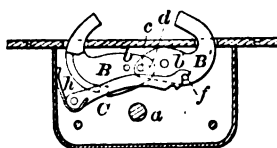
**90801—D. Willis—Toy.**



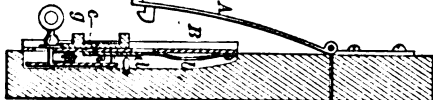
**90803**—W. L. Yantis—*Switch for Street Cars.*



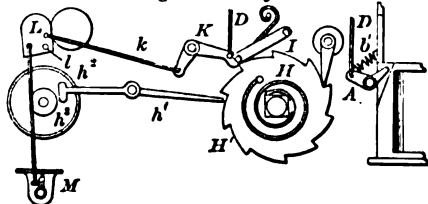
**90805—II. Ahrend—**  
*Lock for Pianos, &c.*



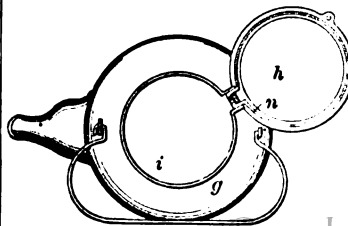
90804—H. Ahrend—*Trunk Lock.*



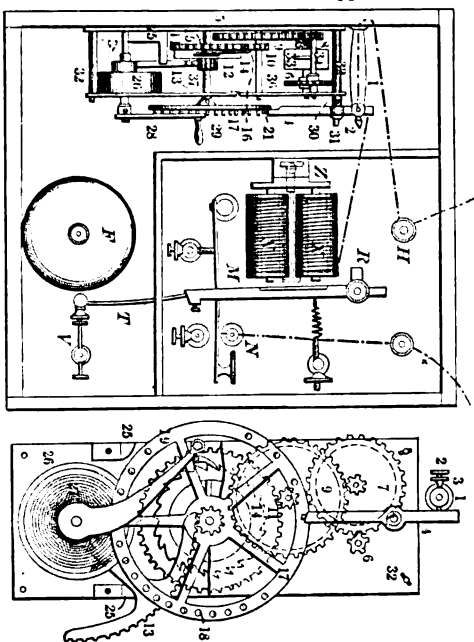
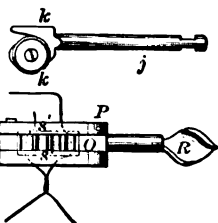
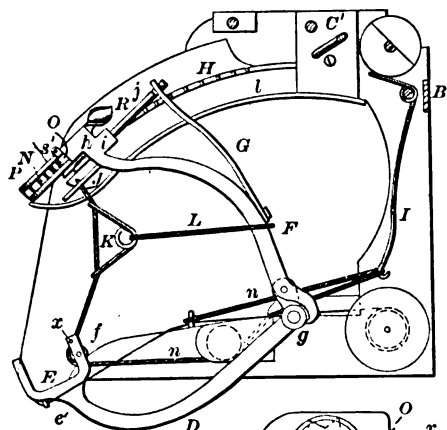
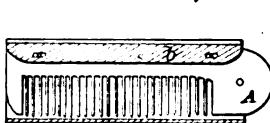
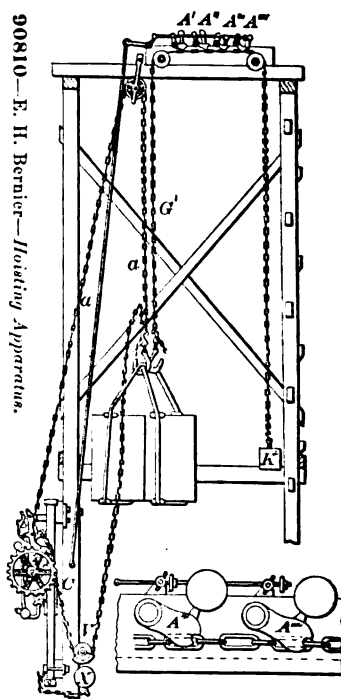
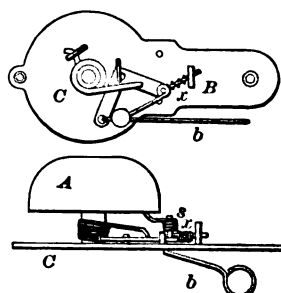
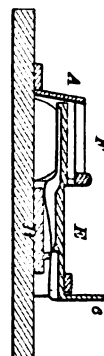
**90809—H. Bergstein—*Burglar Alarm.***



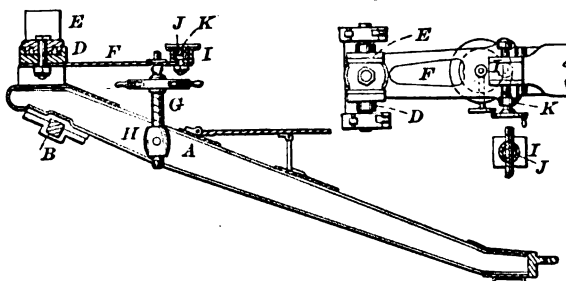
**90808**—E. S. Atwood—*Tea Kettle  
Cover.*



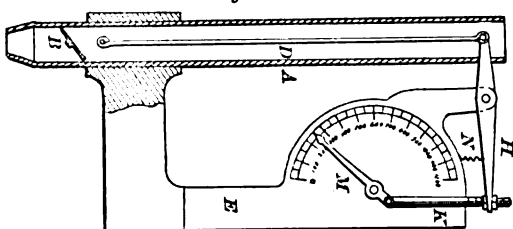


**90806—A. Allen—Fire Alarm Apparatus.****90807—J. F. Appleby—Grain Binder.****90816—Brown & Noyes—Comb****90810—E. H. Bernier—Hoisting Apparatus.****90811—A. G. Bevin—Bell.****90812—Boon & Mills—Halter Hitch.**

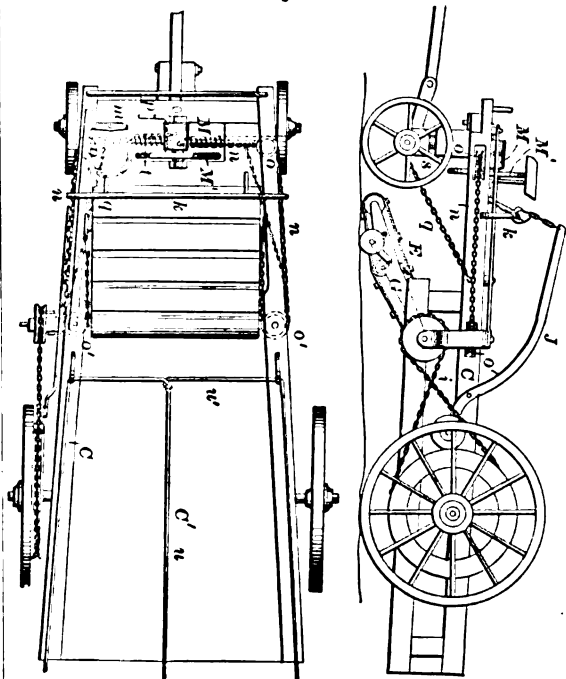
90814—L. W. Broadwell—Gun Carriage.



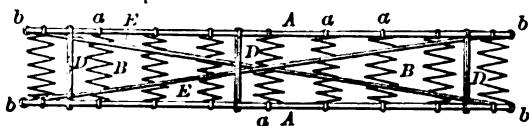
90815—E. Brown—Pyrometer.



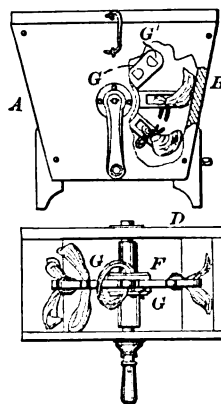
90818—H. P. Burdick—Hay Rake and Loader.



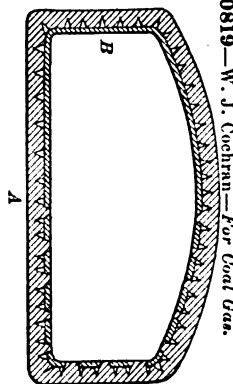
90820—Cooper & Monroe—Bed Bottom.



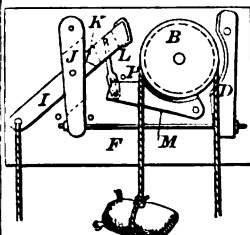
90817—F. Buckelew—Washing Machine.



90819—W. J. Cochran—For Coal Gas.



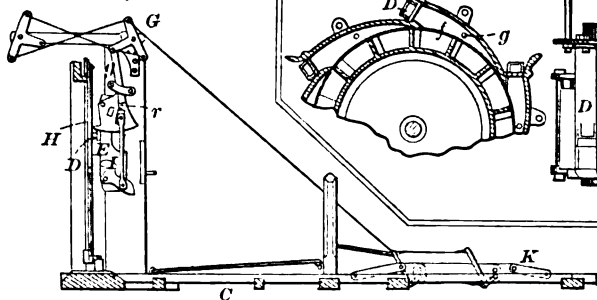
90823—L. Cutting—Hoisting Apparatus.



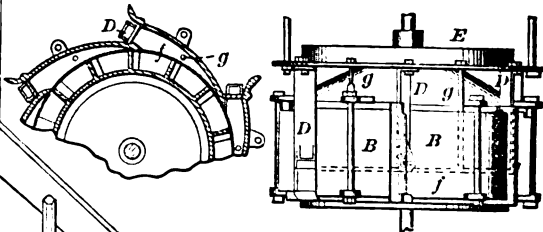
90824—J. Dickinson—Preparation of Mineral Carbon for the Arts.



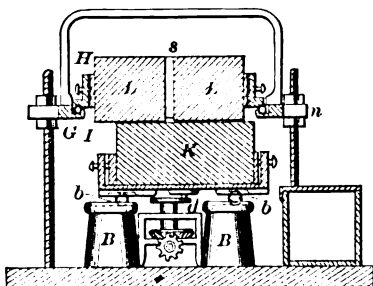
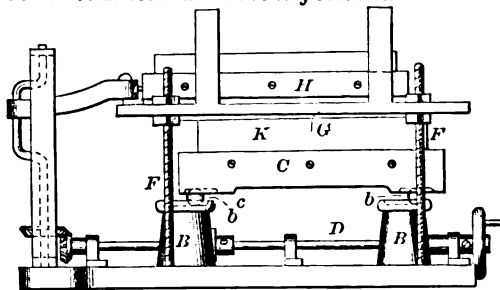
**90821**—R. P. & E. B. Crane—  
*Railway Gate.*



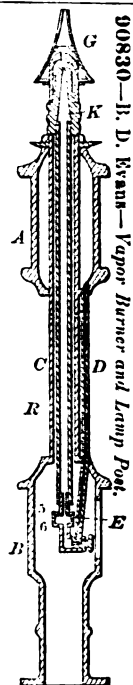
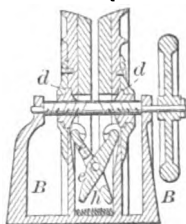
**90826**—R. Dunbar—*Water Wheel.*



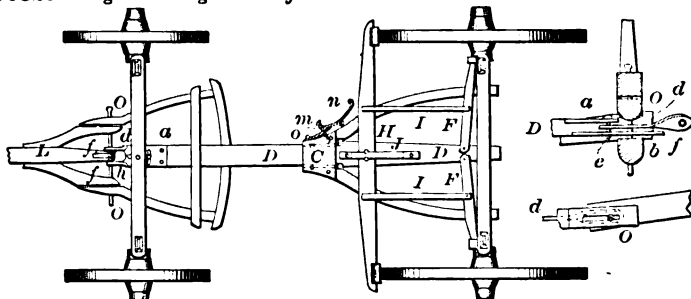
**90822**—J. T. Cree—*Stone Dressing Machine.*



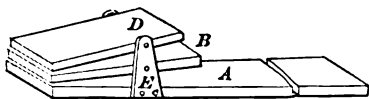
**90828**—J. A. Eldridge—  
*Boot Crimper.*



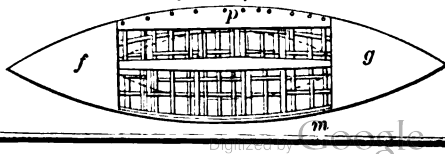
**90829**—English & Rogers—*Wagon Brake.*



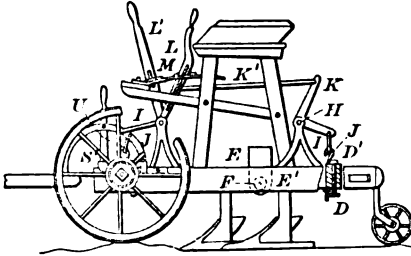
**90832**—G. F. Fessenden—*Castanets.*



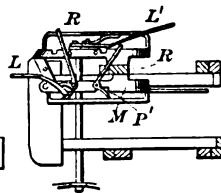
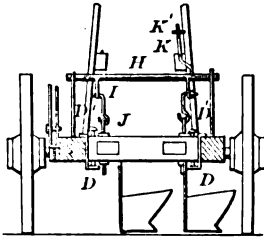
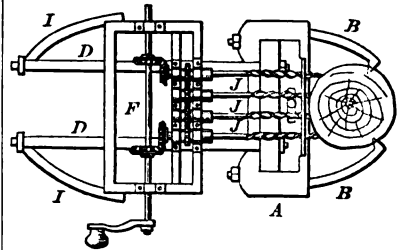
**90833**—C. D. Flynt—*Life Boat.*



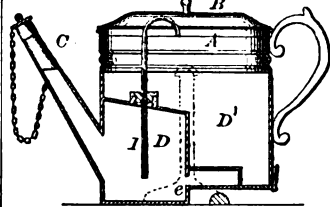
90831—C. A. Fargo—Gang Plow.



90834—M. R. Fory—For Felling Trees.



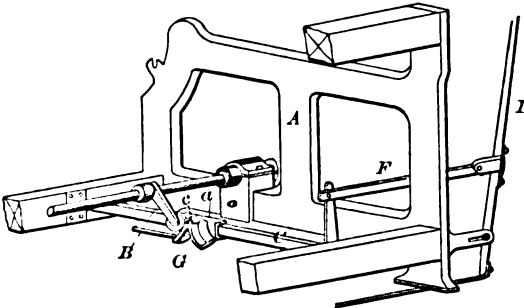
90835—T. F. Frank—Tea and Coffee Pot.



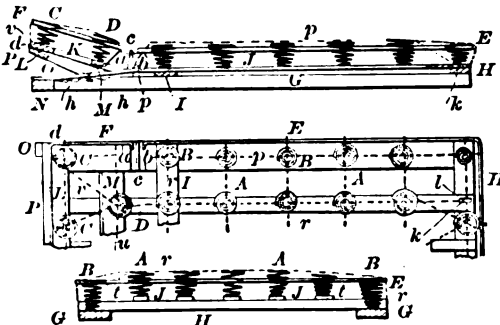
90836—W. L. Gilroy—Green Corn Fork.



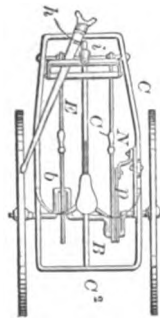
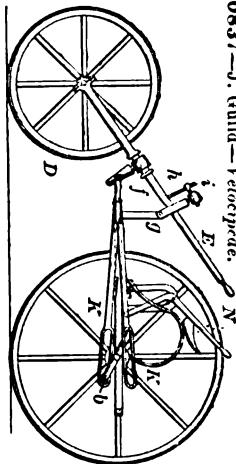
90838—E. J. Hall—Loom Picker Shoe.



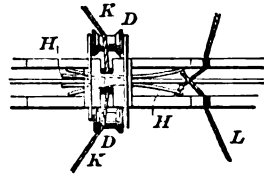
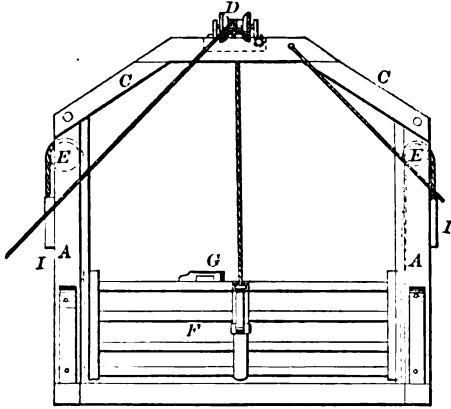
90840—W. Haworth—Bed Bottom.



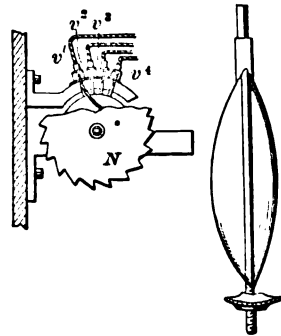
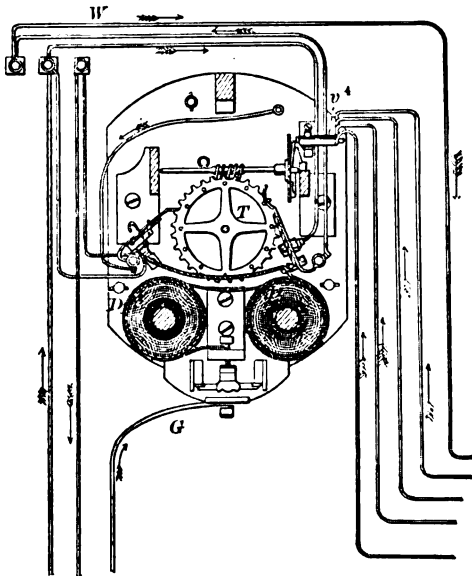
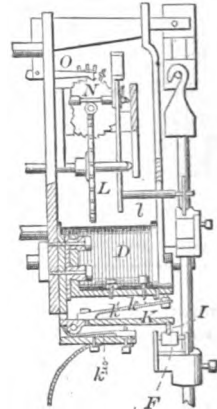
90837—J. Guild—Velocipede.



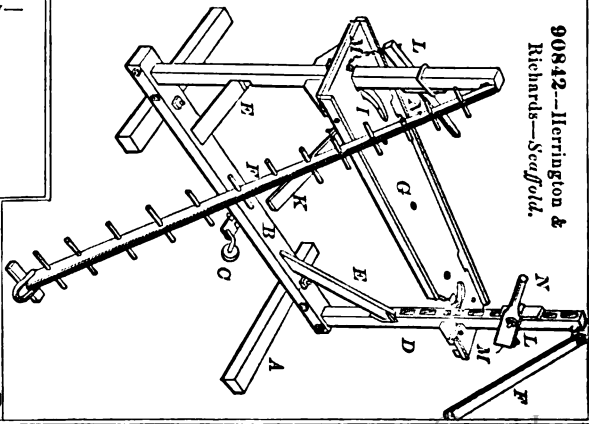
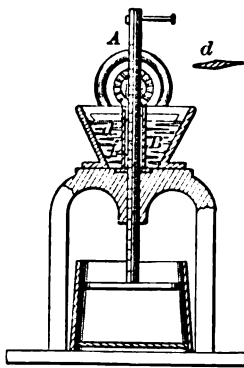
90839—T. F. Hall—Gate.



90841—M. Hipp—Electric Clock.

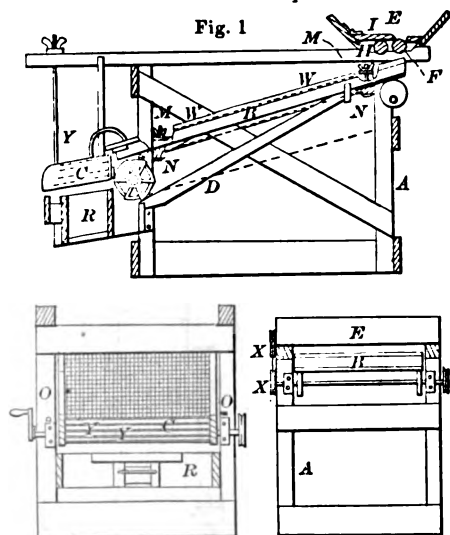


90843—F. & G. F. Hovey—  
Cider Mill and Press.

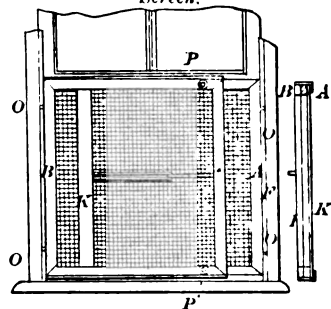


90842—Herrington &  
Richards—Scaffold.

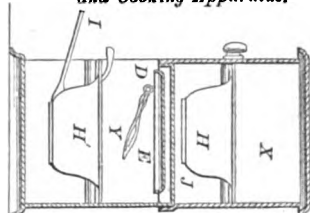
90844—A. Hunter—*Grain Separator.*



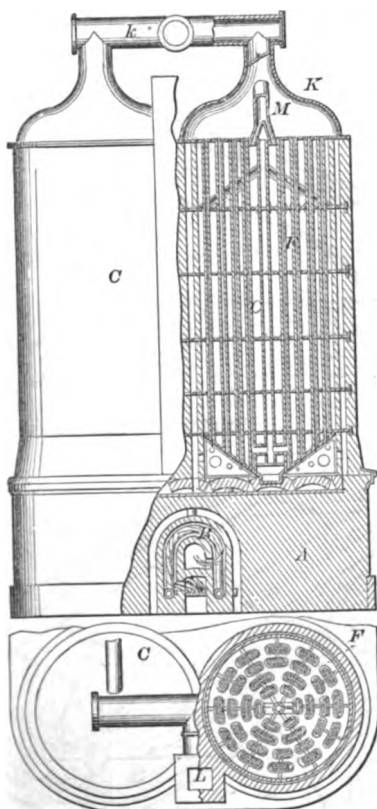
90845—D. N. Hurlbut—*Window Screen.*



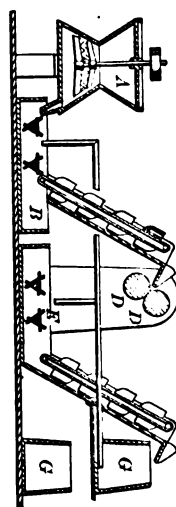
90846—F. A. Jacquet—*Heating and Cooking Apparatus.*



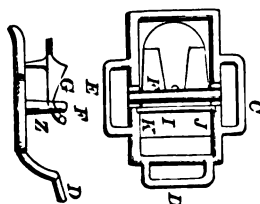
90847—Johnson & Milson—*Grain Dryer.*



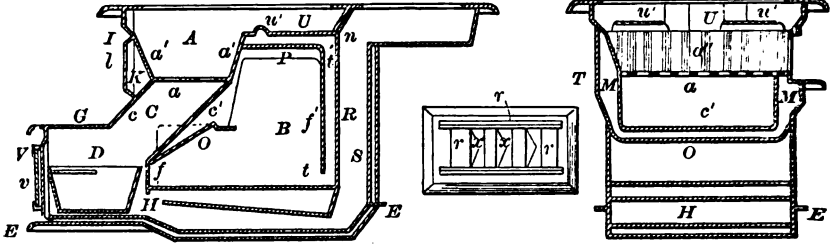
90848—T. W. Johnson—*For Making Extracts from Tan Bark.*



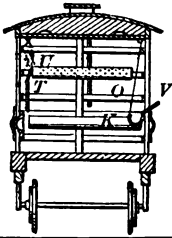
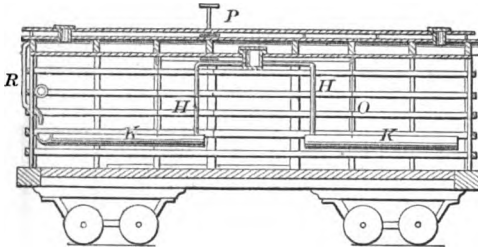
90849—W. V. Kay—*Duckle.*



90850—W. J. Keep—Stove.



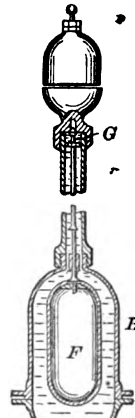
90851—J. S. Kendall—Stock Car.



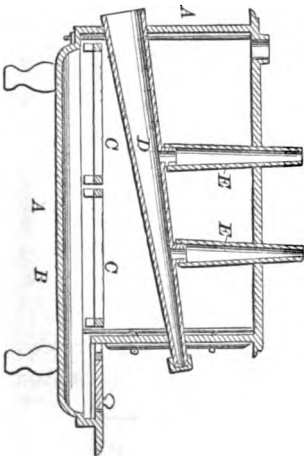
90855—A. Krizek—Toothpick.



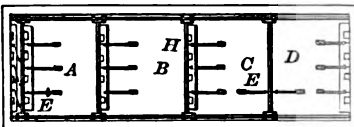
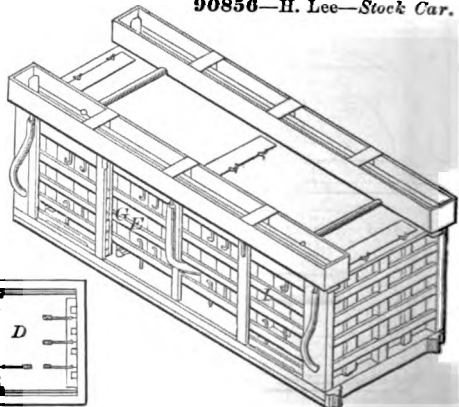
90853—H. Kimball—Low Water Indicator.



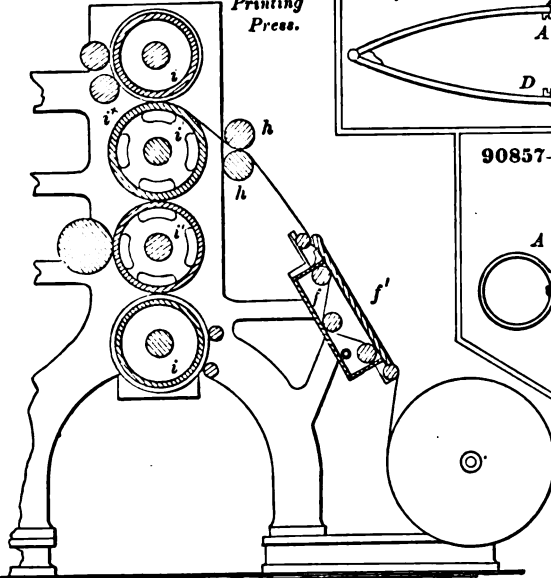
90852—N. Keyser—Stove.



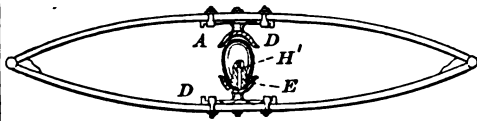
90856—H. Lee—Stock Car.



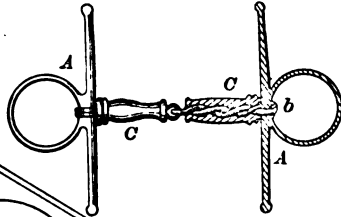
**90858**—MacDonald & Calverley—*Printing Press.*



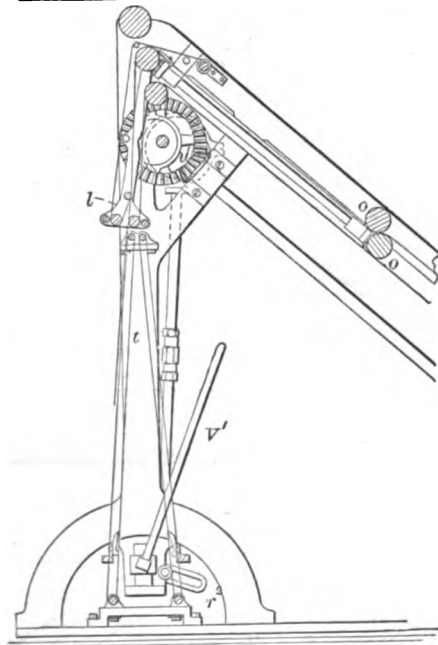
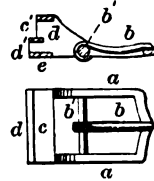
**90861**—E. P. McCarthy—*Wagon Spring.*



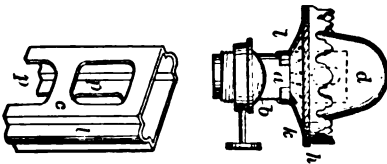
**90857**—J. Letchworth—*Bridle Bit.*



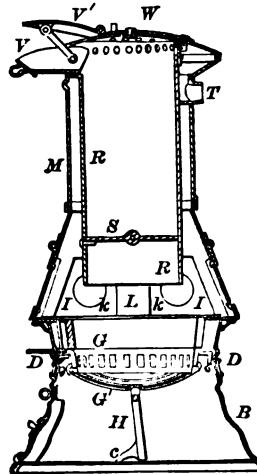
**90859**—Maclean & Harris—*Buckle.*



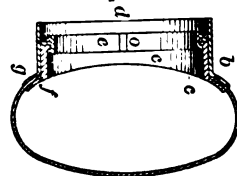
**90863**—Merrill & Carleton—*Lamp Burner.*



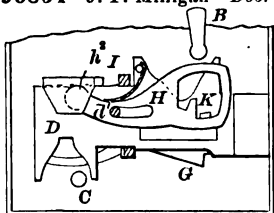
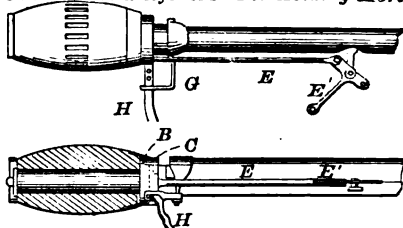
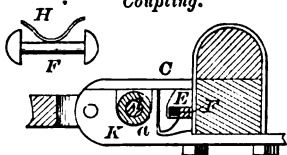
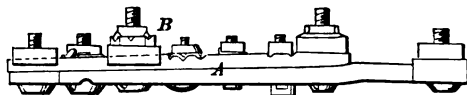
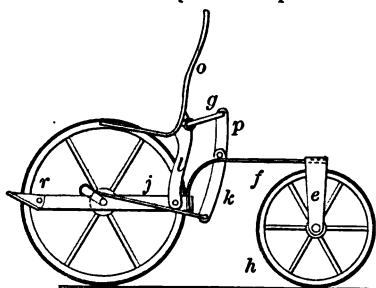
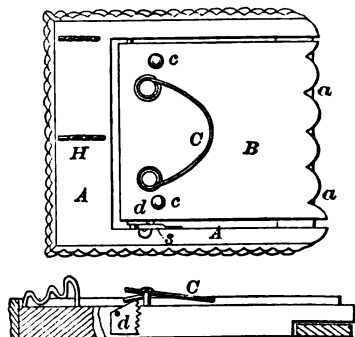
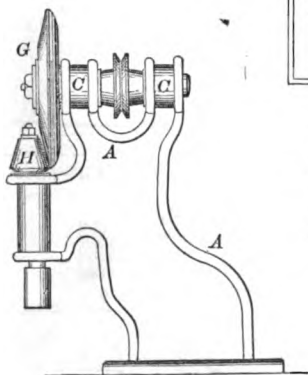
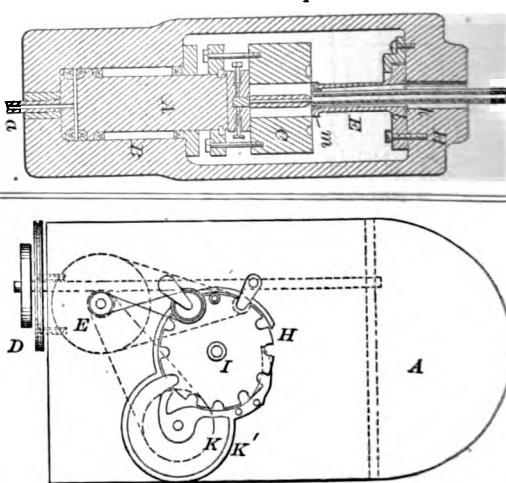
**90860**—H. C. March—*Stove.*



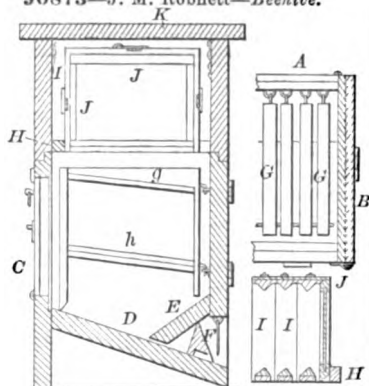
**90862**—F. H. Merrill—*Stove Pipe Collar.*



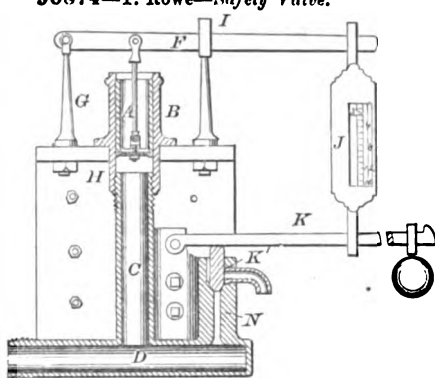


**90864—J. F. Milligan—Door Lock.****90865—Moore & Aylwerd—For Holding Horses.****90866—D. W. Onderdonk—Thill Coupling.****90867—G. Palmer—Nut Lock.****90869—J. F. Piper—Velocipede.****90870—W. S. Poulson—Book Holder.****90868—E. Pierce—Bomb Lance.****90871—T. J. Power—Priming Metallic Cartridges.****90872—J. Robertson—Lead Pipe Machine.**

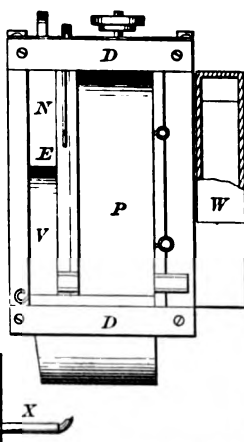
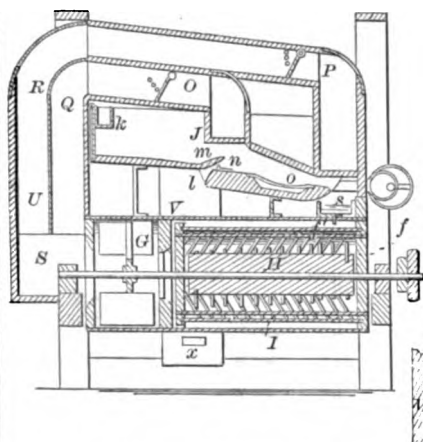
90873—J. M. Robnett—Beehive.



90874—T. Rowe—Safety Valve.



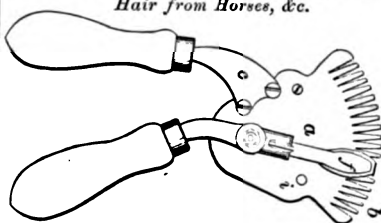
90875—M. R. Ruble—Smut Machine.



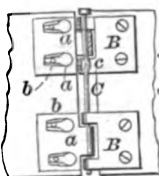
90878—A. V. Sargent—Huckle.



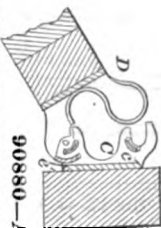
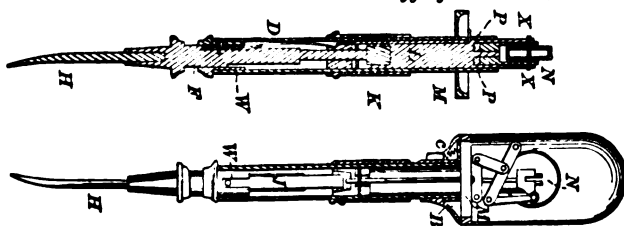
90877—Salom & Field—For Clipping the Hair from Horses, &c.



90876—T. Rüdiger—Belt Coupling.

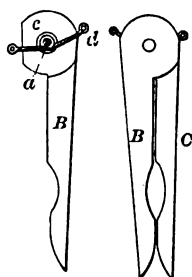
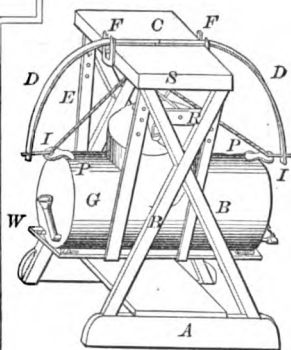


90879—Scranton & Parsons—Dental Plugging Instrument.

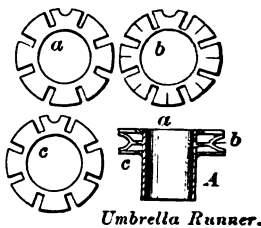
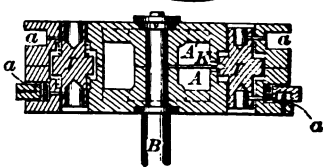
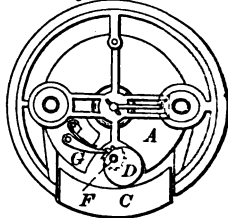
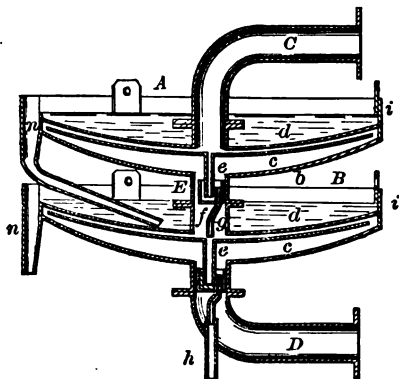
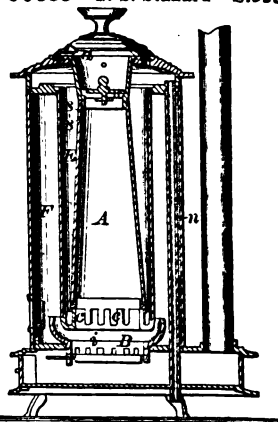
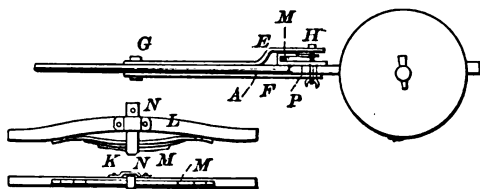
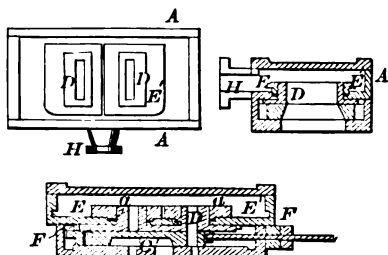
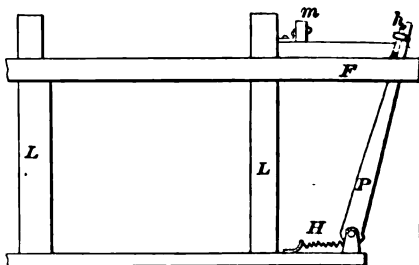


90880—A. P. Seymour—Hinge.

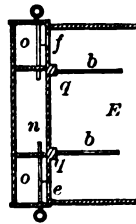
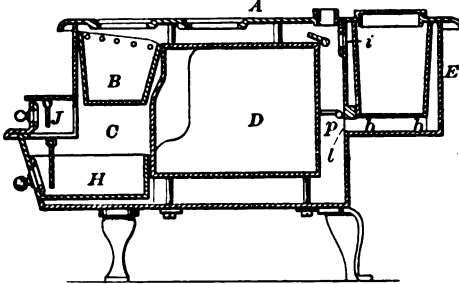


90881—L. T. Simon—  
*Clothes Pin.*90882—J. Simpson—*Churn.*

90883—O. M. Smith—

*Umbrella Runner.*90884—W. G. Snook—  
*Steam Engine Piston.*90886—E. G. Starck—*Alcohol Still.*90885—G. S. Stanard—*Stove.*90890—W. Trump—*Wagon Pole Attachment.*90887—J. D. Stewart—*Slide Valve.*90888—A. Stockwell—*Loom.*

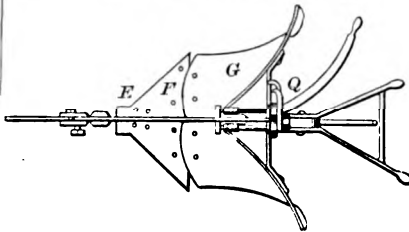
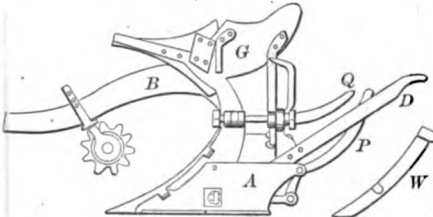
90889—G. W. Swett—Stove.



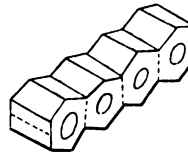
90896—F. Valentine—  
Snag Hook.



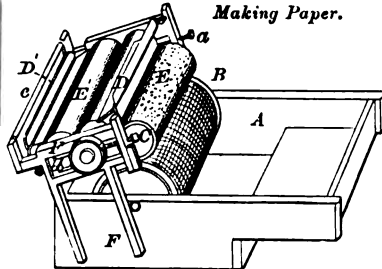
90895—W. H. Tyler—Plow.



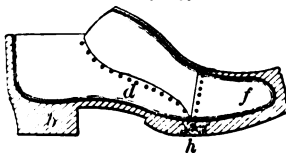
90897—S. Vanstone—Nut Bar.



90898—C. B. Van Valkenburgh—For  
Making Paper.



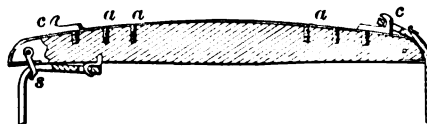
90900—W. A. Webster—Wooden  
Shoe.



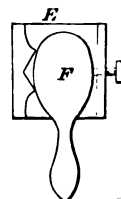
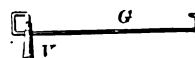
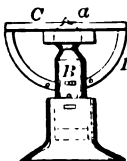
90902—  
H. F. Whidden—  
Shoe Nail.

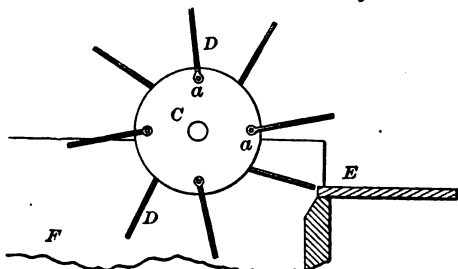
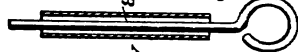
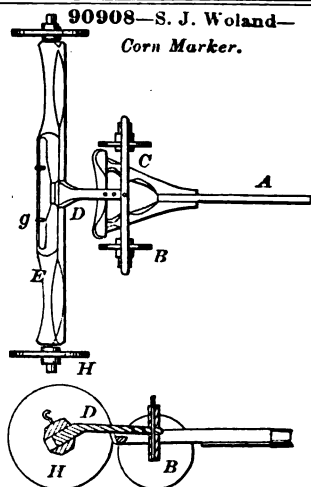
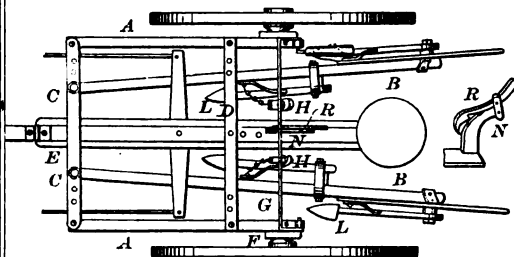
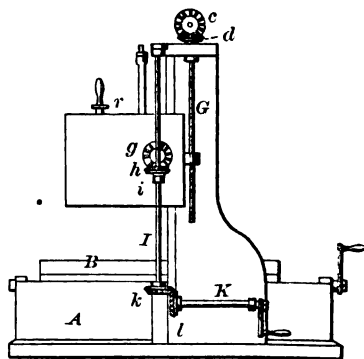
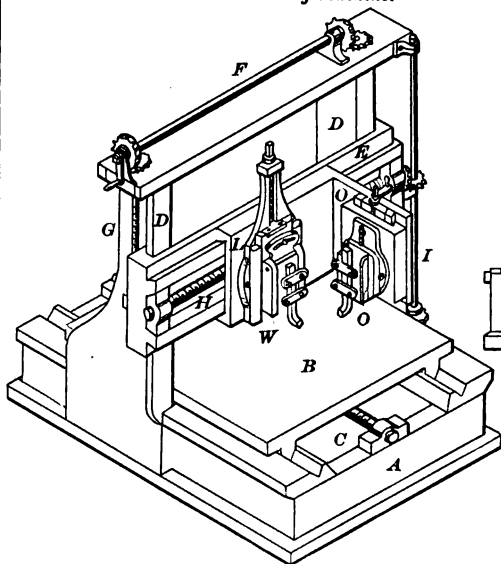
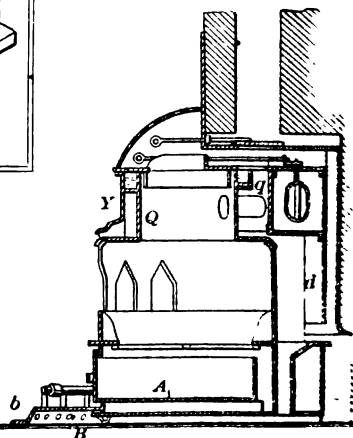
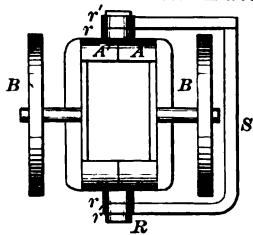


90901—N. Westcott—Whiffletree.

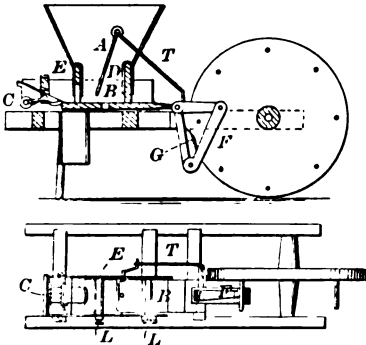


90903—A. M. White—Brush Machine.

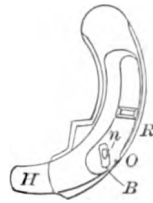


90904—A. S. Whitmore—*Threshing Machine.*90906—J. H. Williams—*For Bird Cages.*90908—S. J. Woland—*Corn Marker.*90905—L. H. Wilkinson—*Cultivator.*90907—S. Wilmarth—*Planing Machine.*90910—Stuart & Bridge—*Stove.*90909—G. W. N. Yost—*Harvester.*

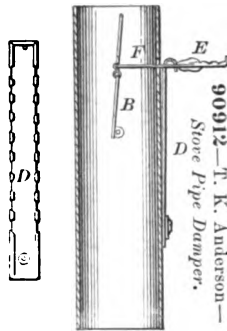
**90911—M. Adams—Seed Planter.**



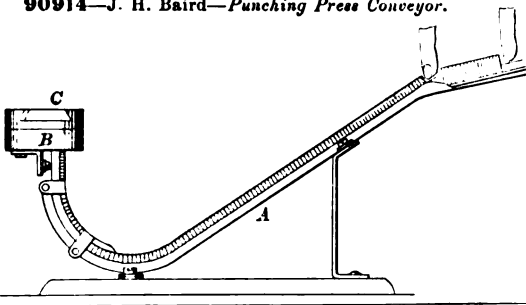
**90913—H. G. Arnold—Sash Lock.**



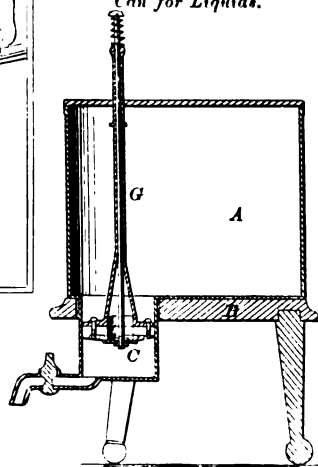
**90912—T. K. Anderson—Store Pipe Dumper.**



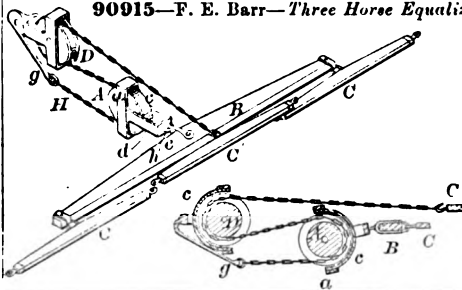
**90914—J. H. Baird—Punching Press Conveyor.**



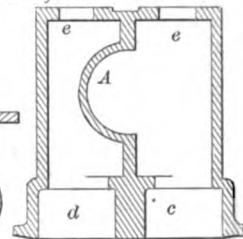
**90916—W. Barry—Measuring Can for Liquids.**



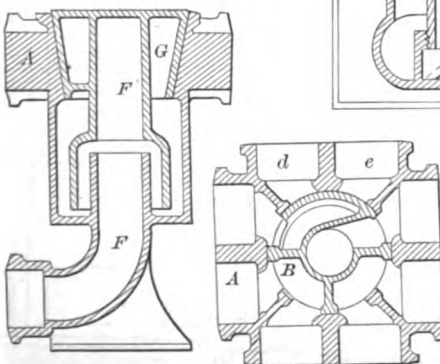
**90915—F. E. Barr—Three Horse Equalizer.**



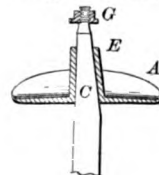
**90917—R. Briggs—Connections of Gas Purifiers.**



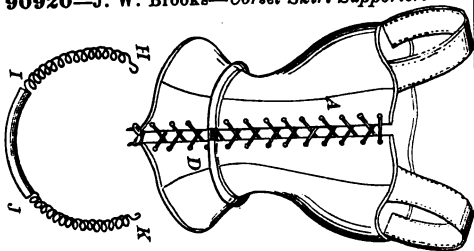
**90918—Briggs & Muntzinger—Centre Valve of Gas Works.**



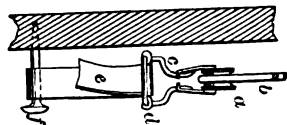
**90919—E. Broad—Attaching Augers to Handles.**



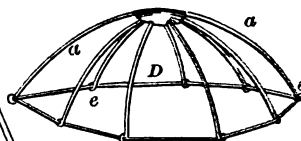
90920—J. W. Brooks—Corset Skirt Supporter.



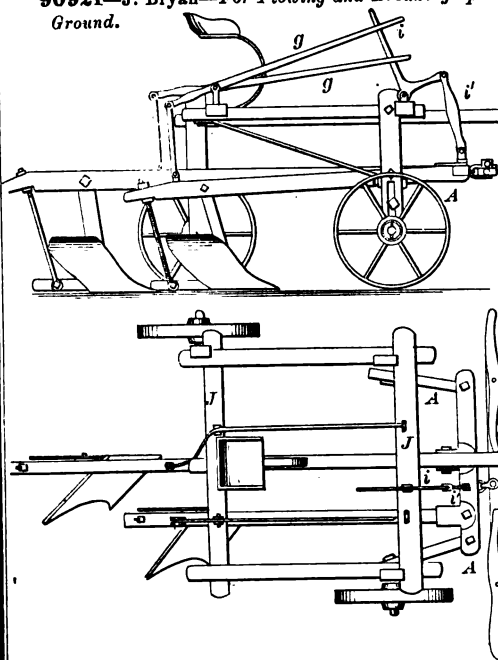
90922—A. Carter—Curtain Fixture.



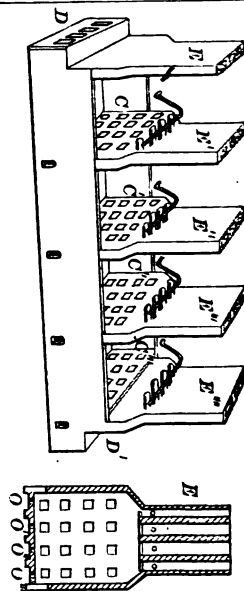
90923—B. Carter—Bosom Pad.



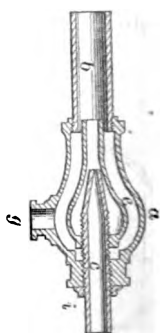
90921—J. Bryan—For Plowing and Breaking up Ground.



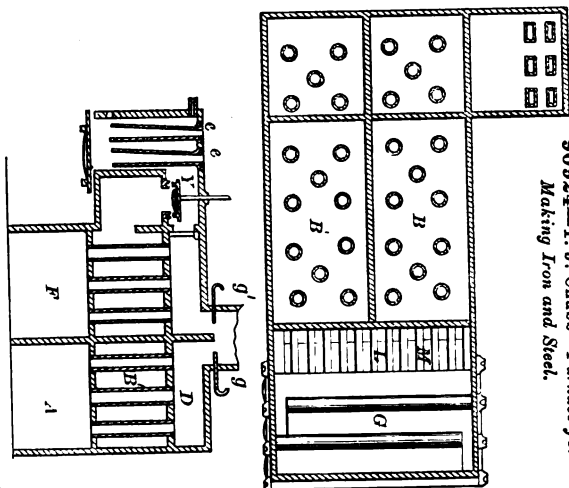
90929—S. H. Clapp—Brick and Tile Kiln.



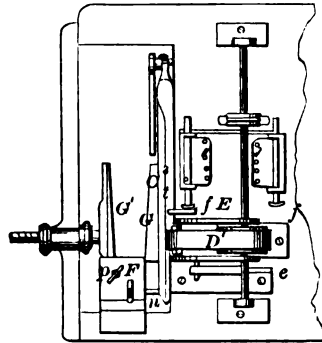
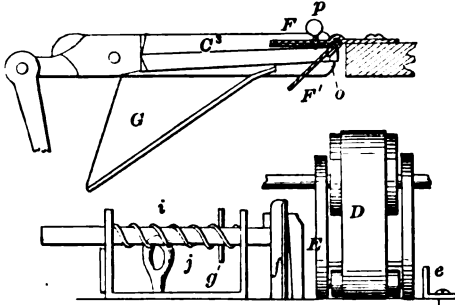
90930—H. Coll—Steam Operated Water Elevator.



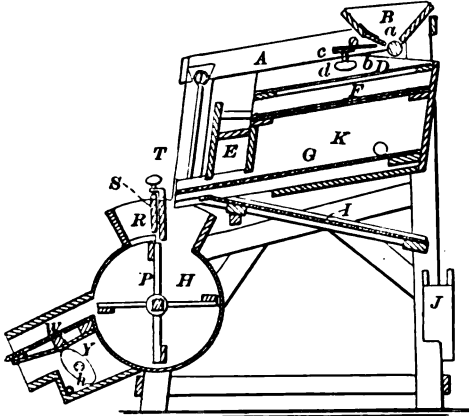
90924—T. J. Chubb—Furnace for Making Iron and Steel.



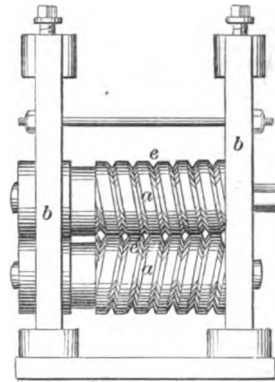
**90931**—E. Cowles—*For Cutting Cards.*



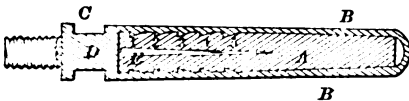
**90932**—J. J. Crowley—*Grain Separator and Mixer.*



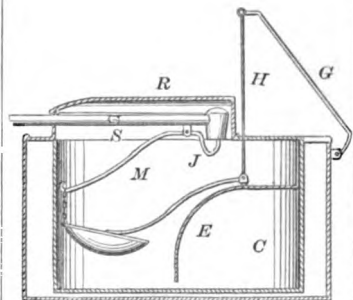
**90933**—E. M. Davis—*Rolling Apparatus.*



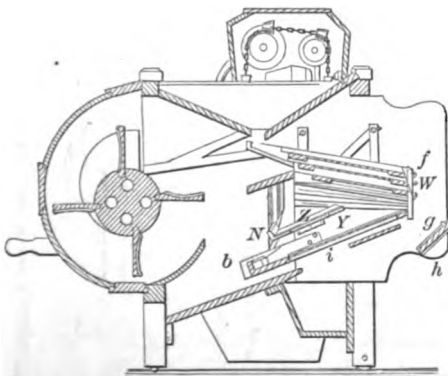
**90935**—Dewar, Smith & Brashear—*Pump Rod Coupling.*



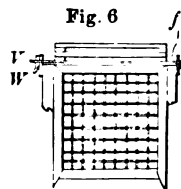
**90934**—R. E. Deane—*Draught Regulator for Heating Apparatus.*



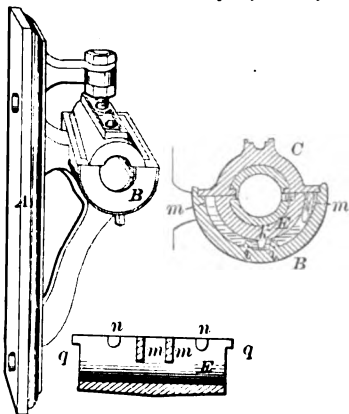
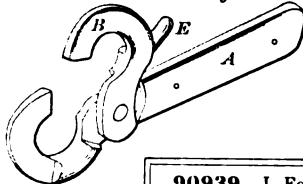
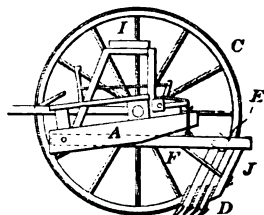
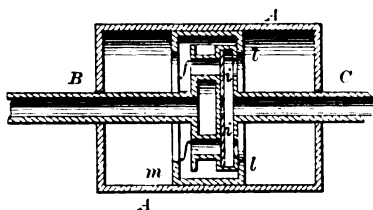
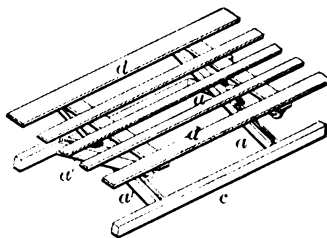
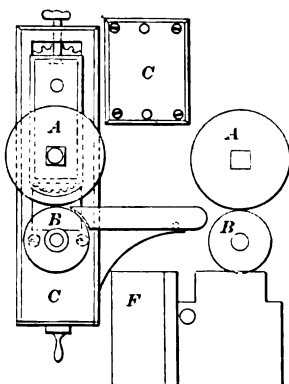
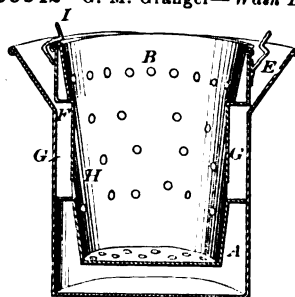
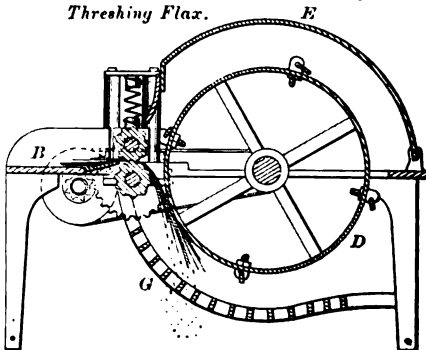
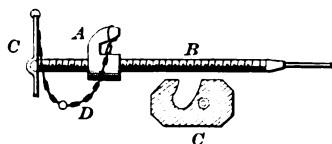
**90936**—E. P. Dickey—*Fanning Mill.*



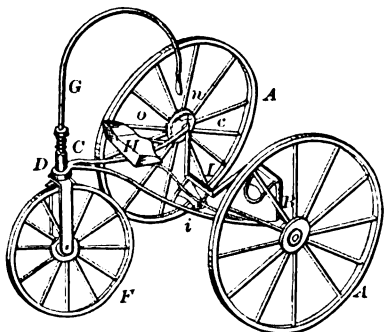
**Fig. 6**





**90937—J. Duff—Hanger for Shafting.****90938—J. Eck—Tug Hook.****90939—J. Foltz—Harrow.****90940—I. N. Forrester—Pump.****90941—C. T. Frost—Bedstead, Seat, &c.****90943—F. L. Hagadorn—Pinking Machine.****90942—G. M. Granger—Wash Boiler.****90946—M. Jerome—For Scutching and Threshing Flax.****90945—J. E. Hills—Key Fastener.**

90947—E. A. Jones—*Velocipede.*



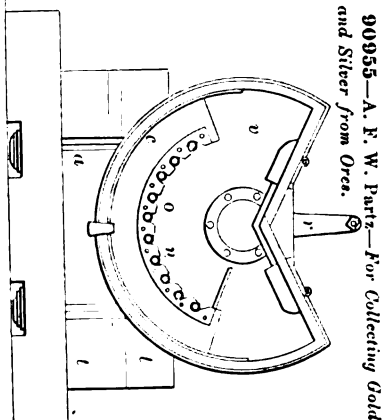
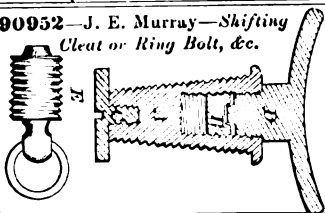
90949—T. T. Kinsey—*Lightning Rod.*



90951—J. V. Meigs—*Cartridge.*



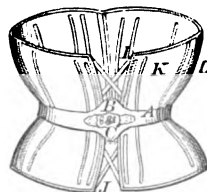
90952—J. E. Murray—*Shifting Cleat or Ring Bolt, &c.*



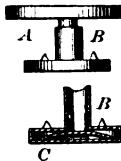
90956—H. L. Pierce—*Ring for Spinning Machines.*



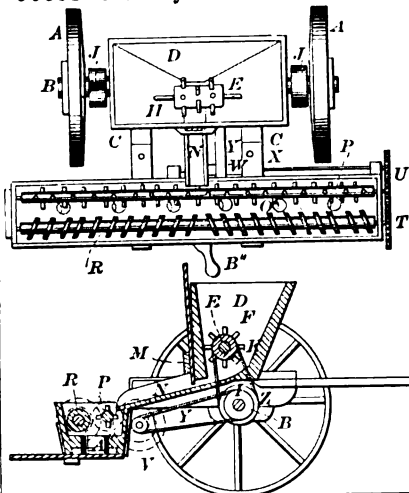
90950—H. E. Marchand—*Cornet.*



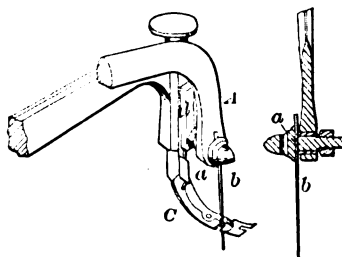
90948—J. G. Kenyon—*Stud.*



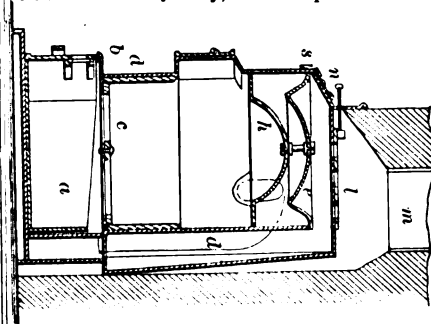
90953—J. J. Naylor—*Seeder and Fertilizer.*

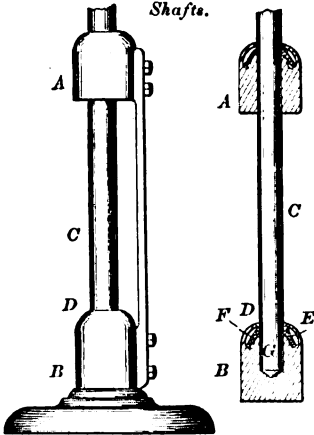
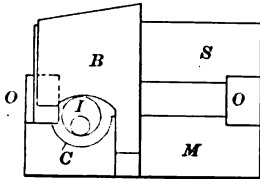
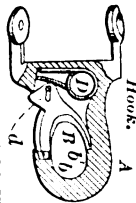
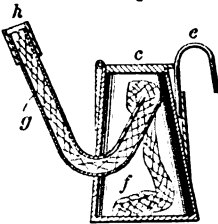
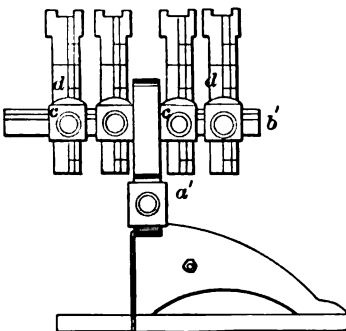
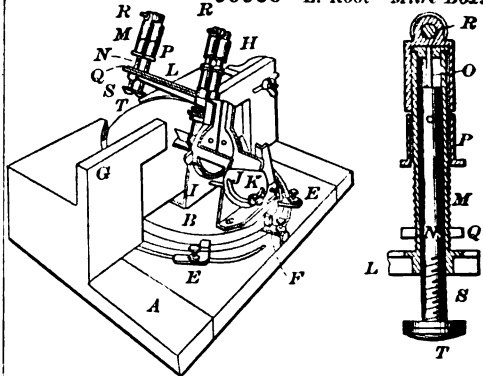
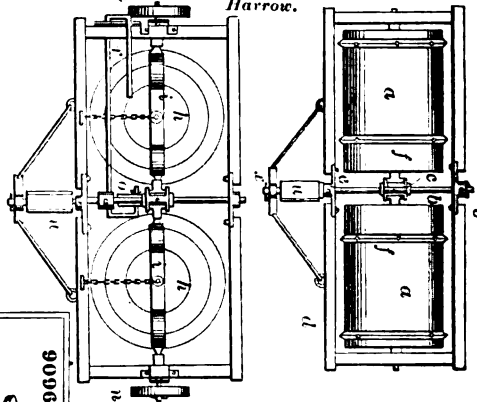
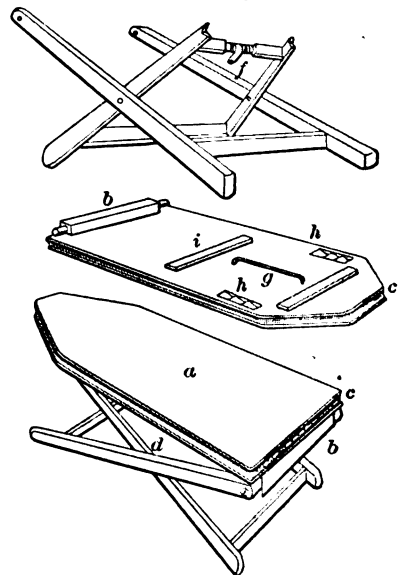


90954—Neale & Beck—*Sewing Machine.*

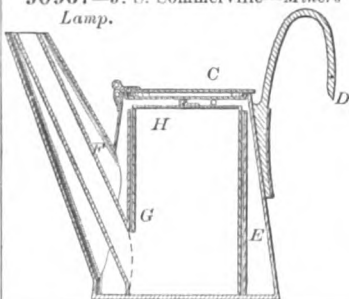


90957—D. S. Quimby, Jr.—*Fireplace Heater.*

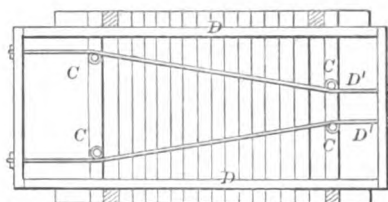


**90958—G. Richardson—Step for Shafts.****90959—W. Richardson—For Turning Saw Logs.****90963—W. Seybold—Miners' Lamp.****90964—W. W. Sly—Nucup Hook.****90965—O. Smith—Buggy Top Bow Setter.****90960—E. Root—Mitre Box.****90961—R. Sandiford—Land Roller, Marker and Harrow.****90966—H. Soggs—Ironing Table.**

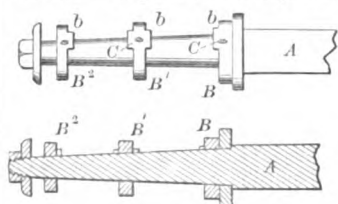
90967—J. S. Sommerville—Miners' Lamp.



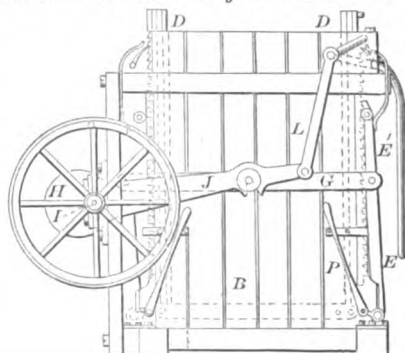
90969—T. H. Stevens—Stone Sawing Machine.



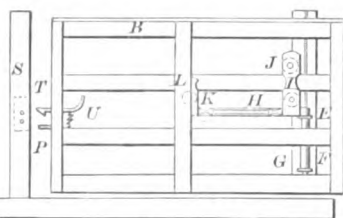
90968—T. Spurrier—Carriage Axle.



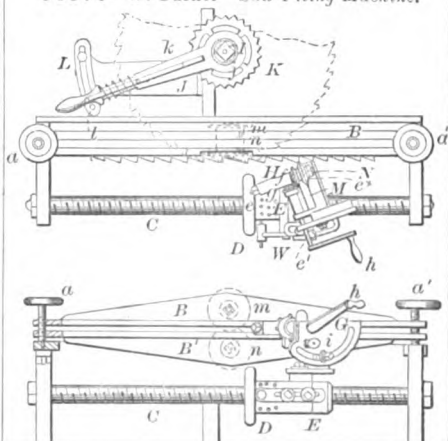
90970—E. Thomas—Hay and Cotton Press.



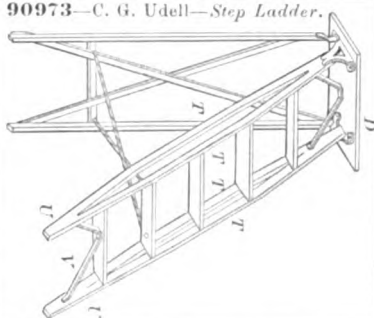
90971—C. W. Todd—Gate.



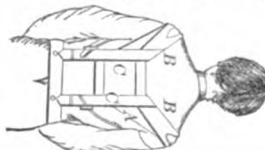
90972—W. Tucker—Saw Filing Machine.



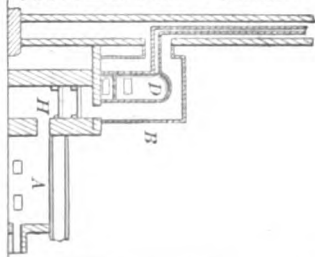
90973—C. G. Udell—Step Ladder.



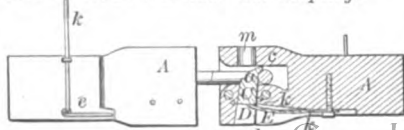
90974—G. W. Walker—Shoulder Brace.

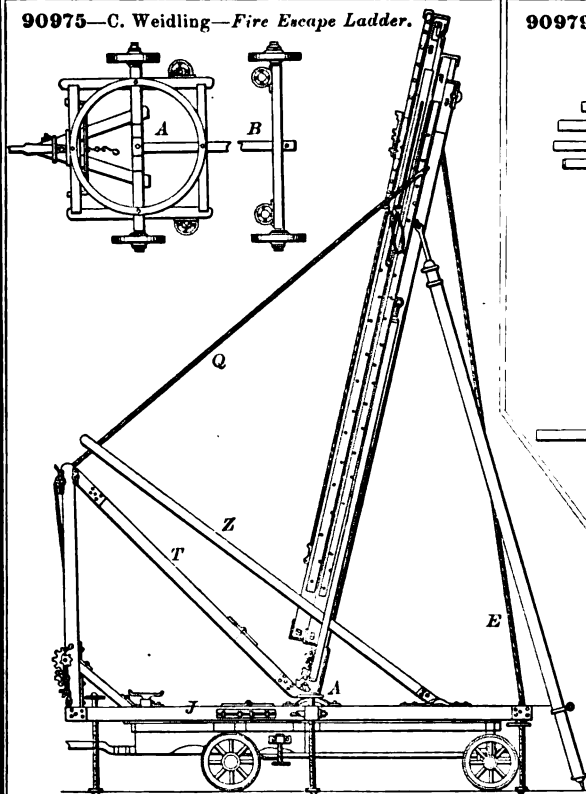
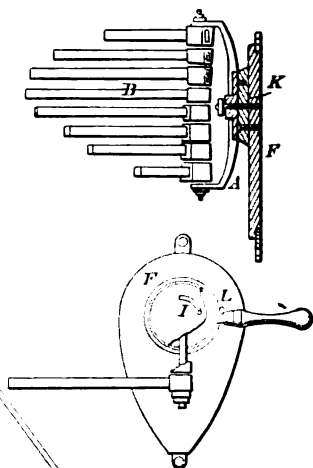
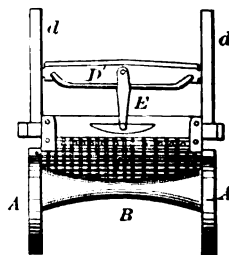
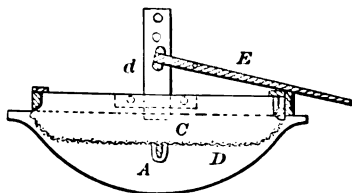
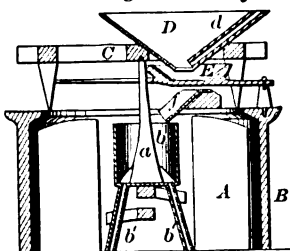
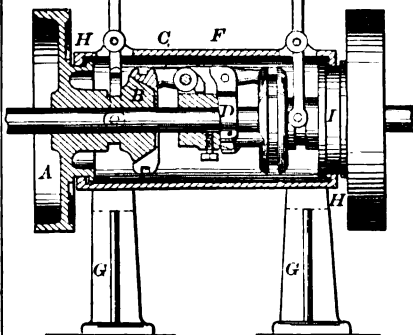
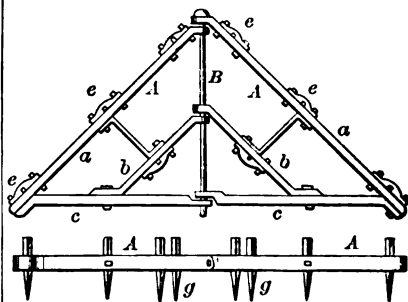


90976—H. White—Ventilator.

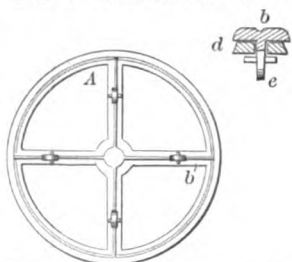


90977—O. D. Woodruff—Car Coupling.

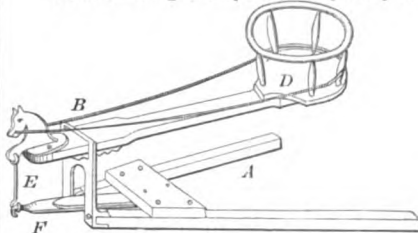


**90975—C. Weidling—Fire Escape Ladder.****90979—J. Alcorn—Clothes Rack.****90981—S. Ballard, Sr.—Grain Separator.****90978—H. Albright—Grinding Mill.****90982—D. Banks, Jr.—Friction Clutch and Brake.****90980—A. W. Ball—Harrow.**

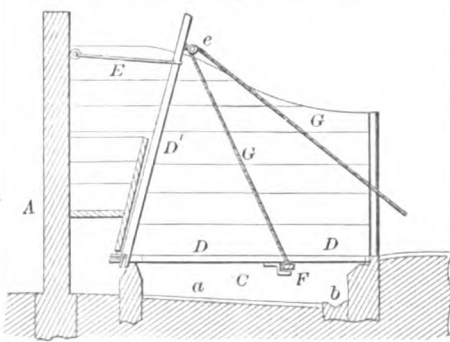
90983—O. B. Bartlett—*Stove Cover.*



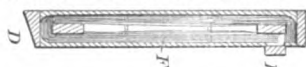
90985—Berg & Stephan—*Baby Jumper.*



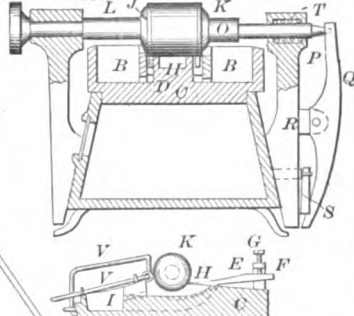
90986—W. M. Bleakley—*Stall Floor.*



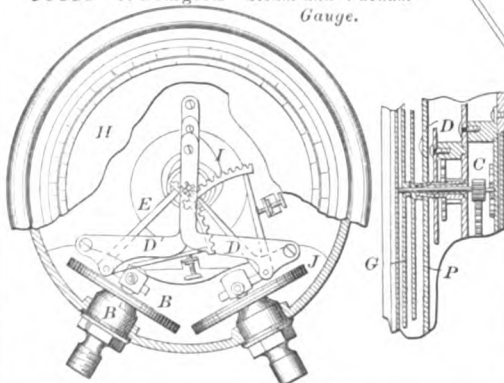
90984—J. H. Bassler—*Beehive.*



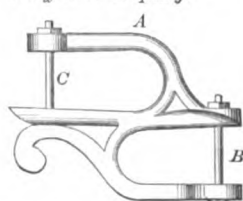
90987—Borden & Power—*Soldering Furnace.*



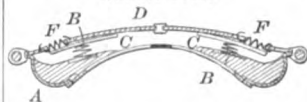
90988—C. Bourgeois—*Steam and Vacuum Gauge.*



90989—D. J. Brady—*Whiffletree Coupling.*



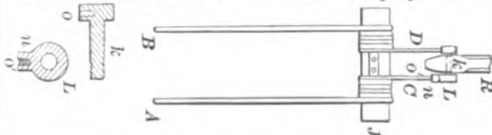
90990—J. R. Bragg—*Spring Saddle Tree.*



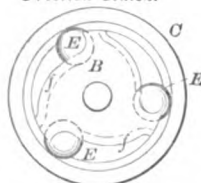
90993—C. F. Carman—*Carriage Wheel.*



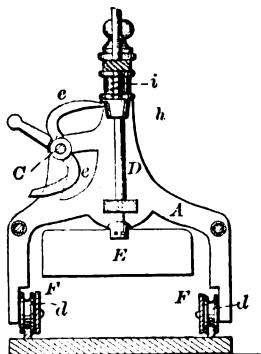
90991—Burt & Hildreth—*Fork for Hay Spreaders.*



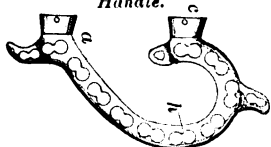
90992—C. W. Cardot—*Friction Clutch.*



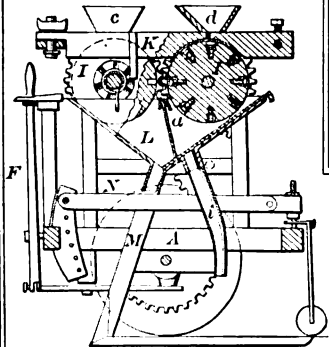
**90994**—P. Clareton—*Meat Chopper*



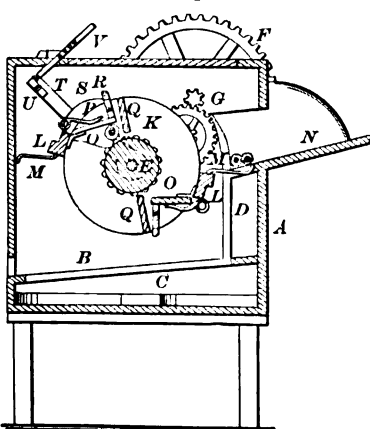
**90995**—L. C. Clark—*Tea Pot Handle.*



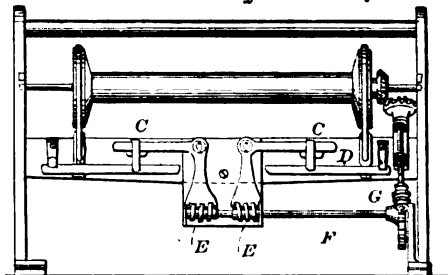
**91002**—F. E. A. Engelman—*Seed Planter.*



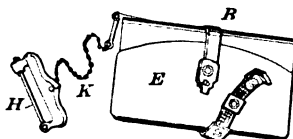
**91003**—F. Fanning—*Corn Sheller.*



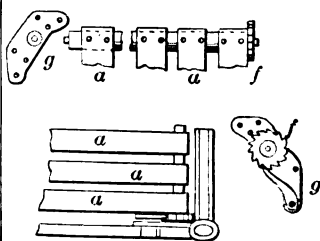
**90996**—W. R. Clark—*Let-off Mechanism for Looms.*



**90997**—S. C. Currie—*Pocket Book.*



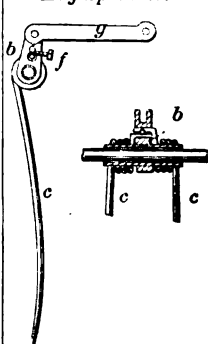
**90999**—S. Dunlap—*Bed Bottom.*



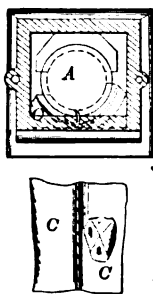
**90998**—R. D'Honneur—*Cord Holder for Picture Frames, etc.*



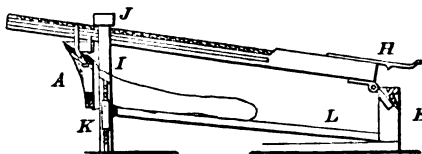
**91001**—W. H. Elliot—*Hay Spreader.*



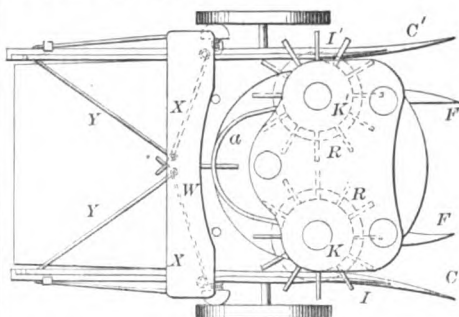
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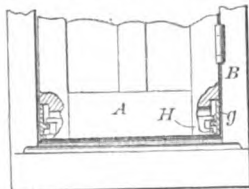
**91004**—E. A. Fisher—*Bag Holder.*



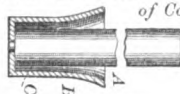
91005—A. Ford—*Corn Harvester.*



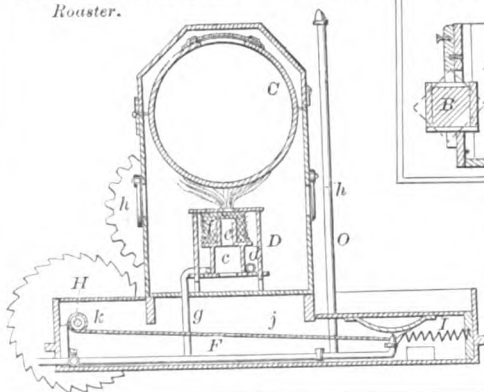
**91006**—E. P. Ford—*Weather Strip.*



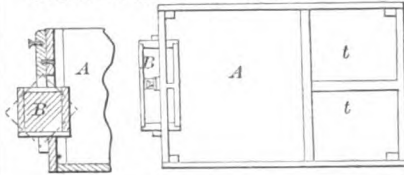
91008—S. Fulton—*Manufacture of Cores.*



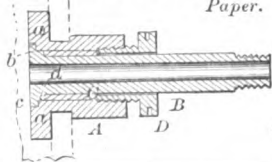
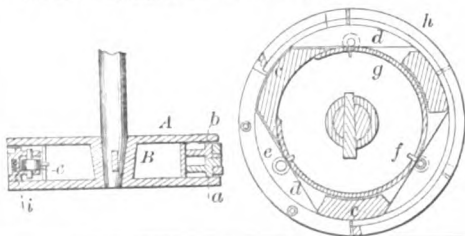
**91009**—D. A. T. Gale—*Nut and Coffee Roaster.*



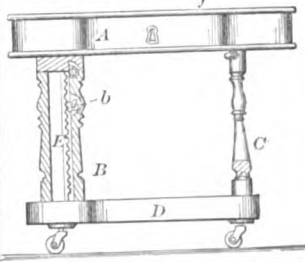
**91013**—J. Hawse—*Feed Box.*




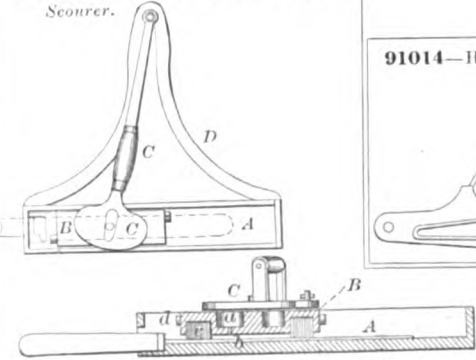
**91007**—W. B. Fowler—*Packing  
in Cylinders for Drying  
Paper.*

91010—J. Gates—*Piston Packing.*

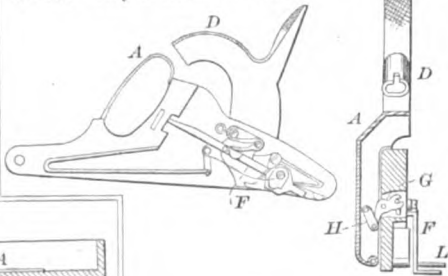
**91012**—H. Havekorst—*Toilet and Nursery Table.* f



**91011**—Goodsell & Adams—*Knife Scourer*. 



**91014**—Hay & Hill—*Gun Lock*.

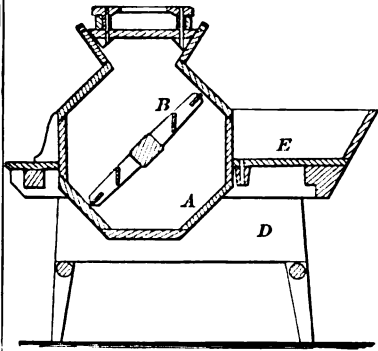




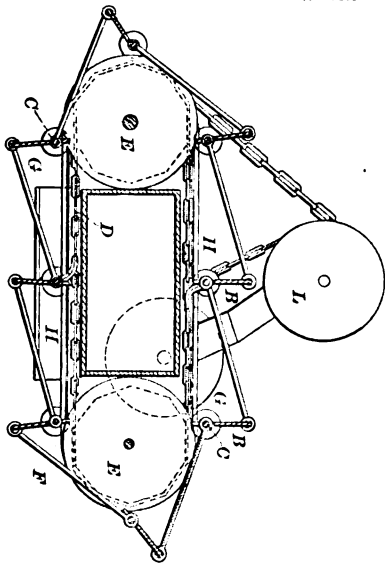
91015—B. W. Healey—Centre Bearing for Locomotives.



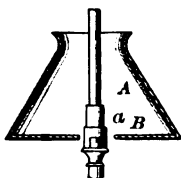
91016—E. Hitchcock—Churn.



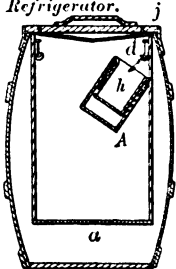
91017—J. B. Holmes—Water Wheel.



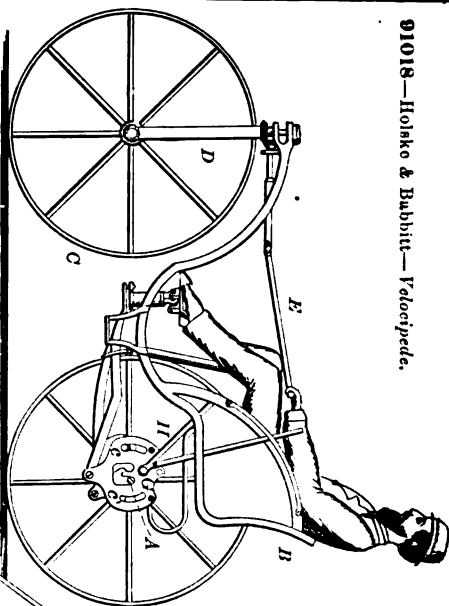
91020—J. Horton—Shade for Burners.



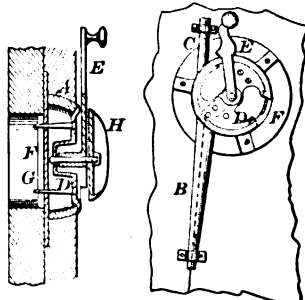
91021—D. Howarth—Refrigerator.



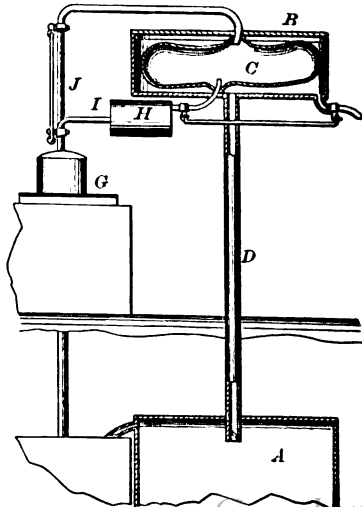
91018—Holako & Babbitt—Velocipede.



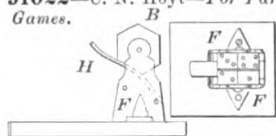
91019—B. W. Hopper—Bell Lever Box.



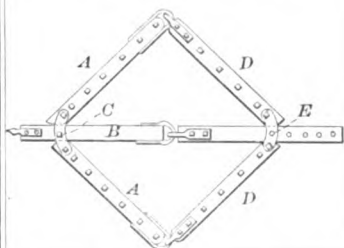
91023—D. Jones—Water Elevator.



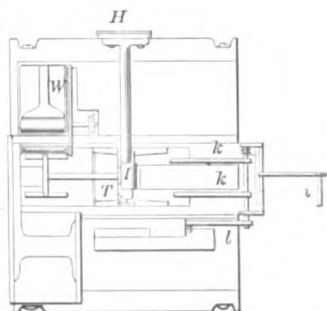
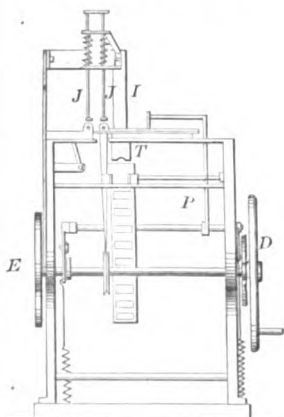
91022—C. N. Hoyt—For Parlor Games.



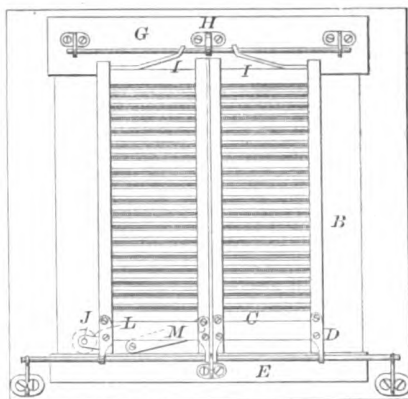
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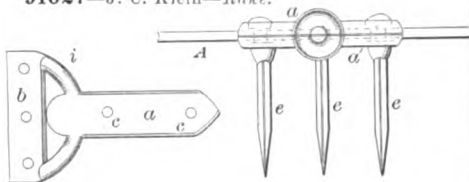
91025—Keating & Waymouth—For Making Paper Boxes.



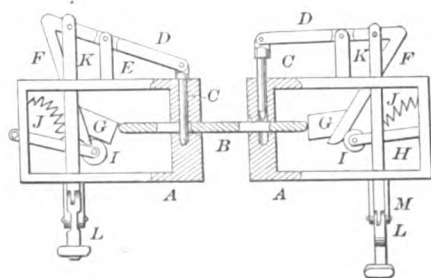
91026—D. Kidder—Shutter Worker.



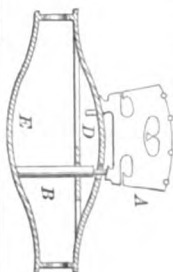
91027—J. C. Klein—Rake.



91028—C. Layton—Car Coupling.

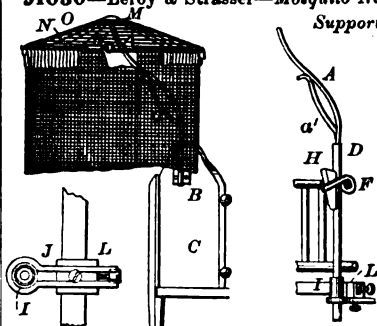
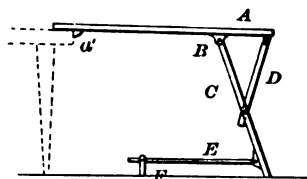
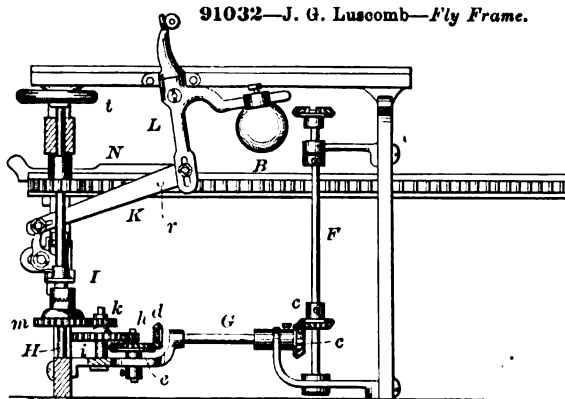
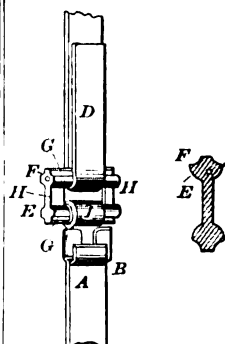
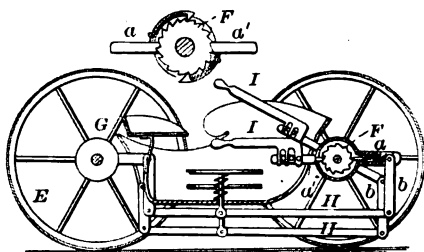
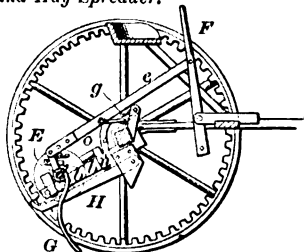
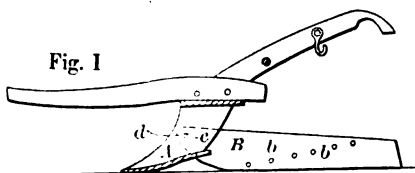
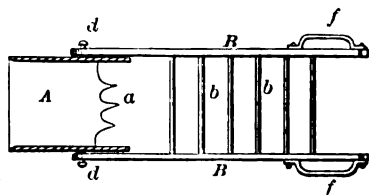
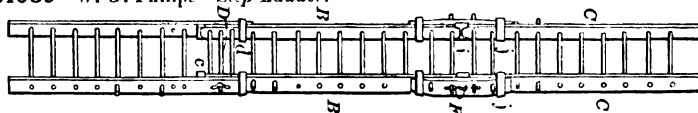


91029—J. Lenhard—Violin.

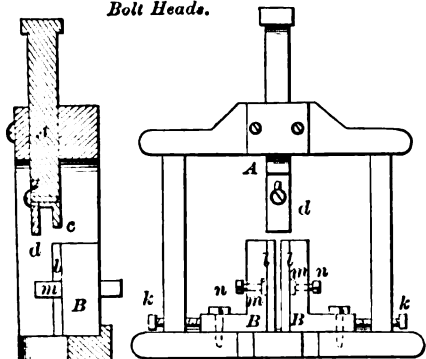


91031—A. J. Lewis—Plectrum.

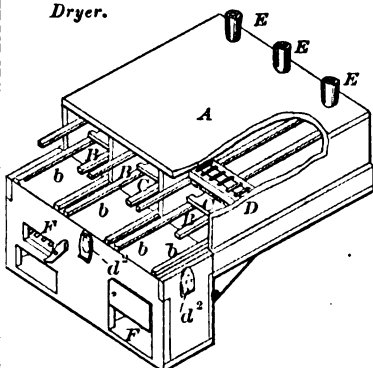


**91030—Leroy & Strasser—Mosquito Net  
Supporter.****91033—A. Matson—Ironing Board.****91032—J. G. Luscomb—Fly Frame.****91034—G. B. McDonald—Cotton Bale Tie.****91035—J. W. McMillan—Velocipede.****91037—F. E. Nearing—Horse Rake  
and Hay Spreader.****91036—F. A. Morley—Potato Digger.****Fig. 1****91039—W. G. Philips—Step Ladder.**

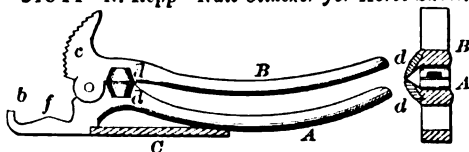
**91040**—A. P. Plant—*Tool for Trimming Bolt Heads.*



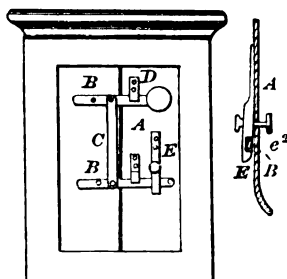
**91041**—S. D. Rader—*Brick and Sand Dryer.*



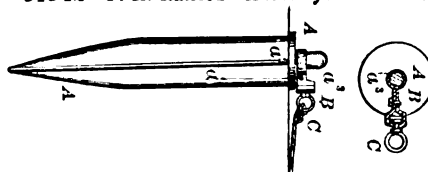
**91044**—N. Repp—*Nail Clincher for Horse Shoes.*



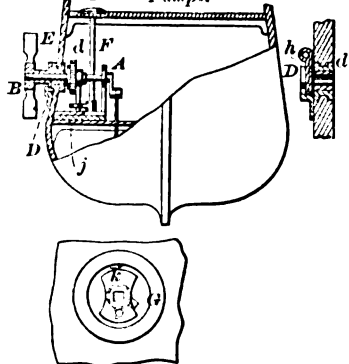
**91043**—T. & W. L. Reese—*Fastening for Fireproof Shutters.*



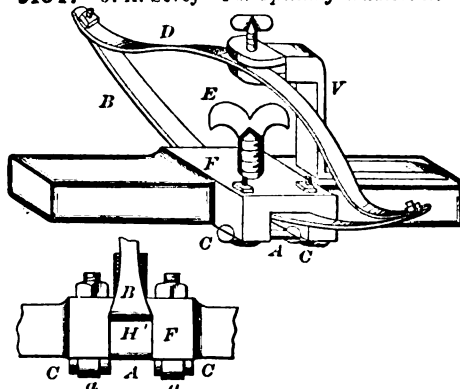
**91042**—P. H. Raiford—*Anchor for Animals.*



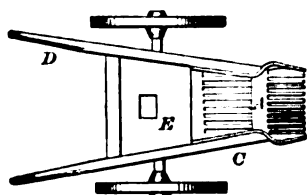
**91045**—A. Roff—*Operating Ships' Pumps.*



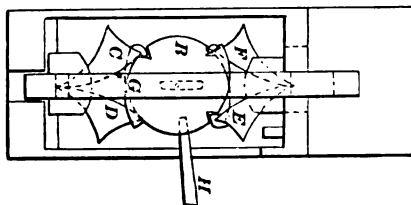
**91047**—J. A. Sevey—*For Splitting Whalebone.*

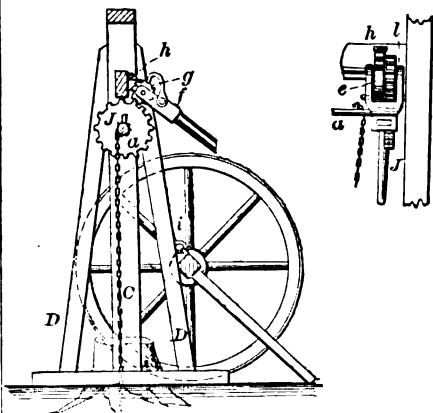
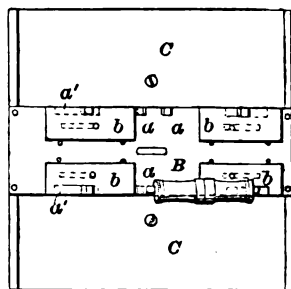
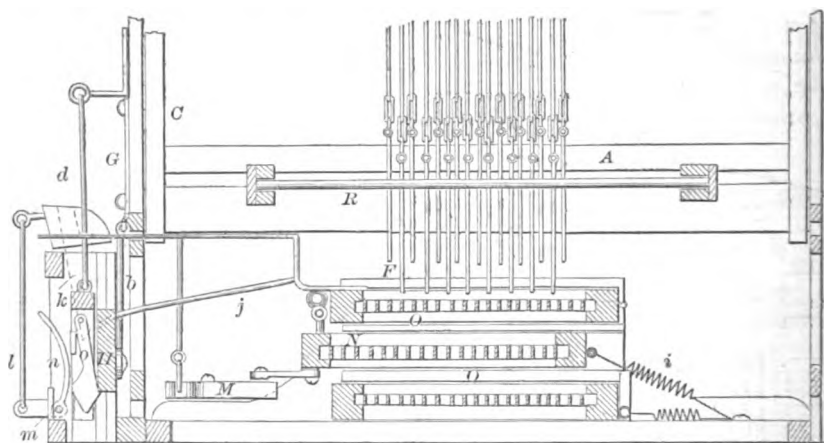
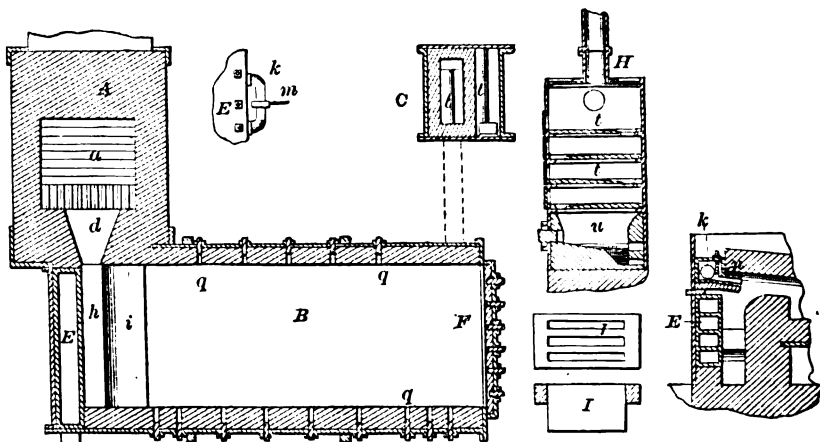


**91046**—J. Schermerhorn—*Vegetable Gatherer.*

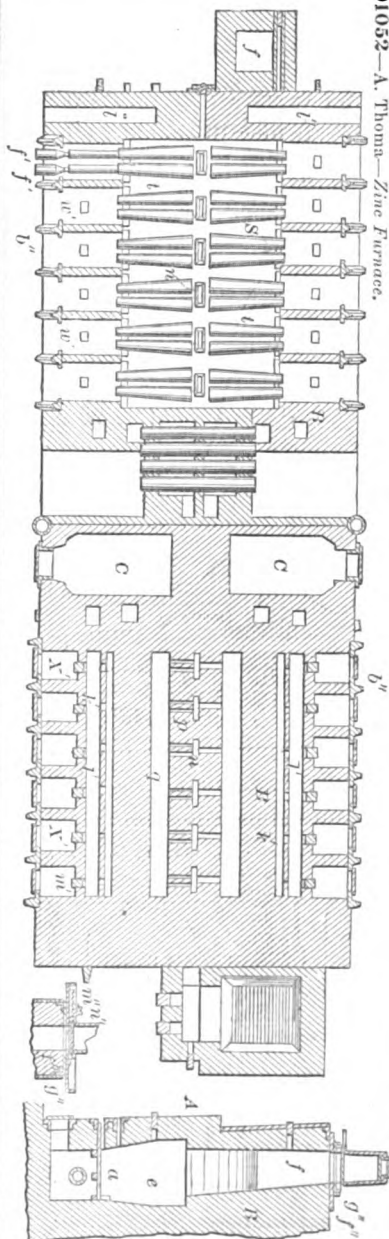


**91048**—H. Shutts—*Mechanical Movement.*

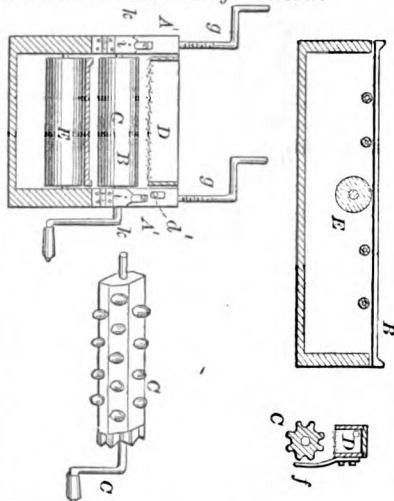


91049—W. Smith—*Stump Extractor.*91053—P. W. Thomas—*Sad Iron Heater.*91050—J. J. Switzer—*Loom.*91051—A. Thoma—*For Extracting Zinc from its Ores.*

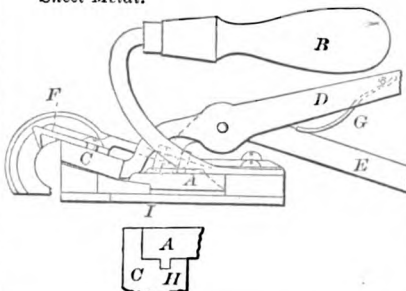
91052—A. Thoma—Zinc Furnace.



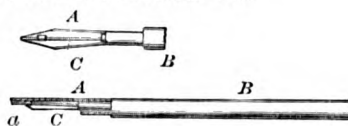
91054—F. Thrall—Dough Kneader.



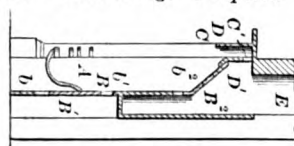
91055—A. Trolan—For Double Seaming Sheet Metal.



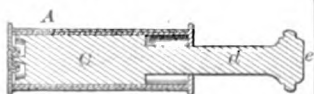
91056—J. W. Truman—Pen.



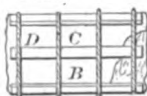
91059—T. C. Aldridge—Fireplace.



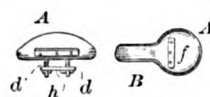
91058—F. H. Aiken—Cartridge Case Cleaner.



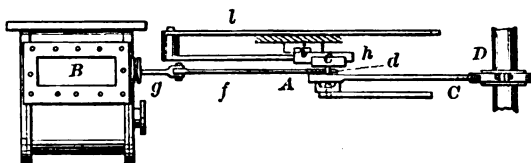
91057—S. W. Adwen—Baling Short Cut Hay and Straw.



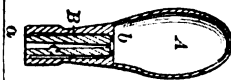
91062—G. B. Ambler—Velocipede Saddle.



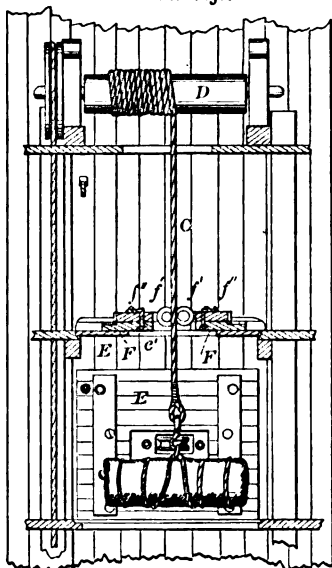
91060—A. M. Allen—Valve Gear.



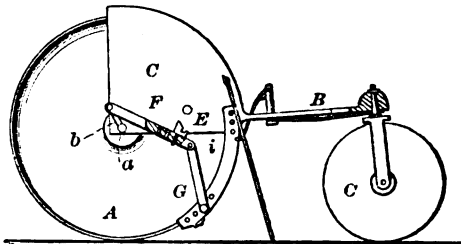
91064—E. J. Amor—Tool Handle.



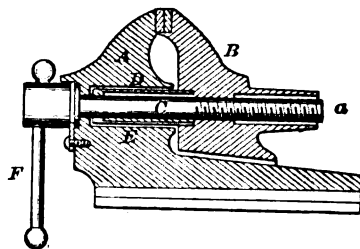
91063—I. Amies—Hatchway for Buildings.



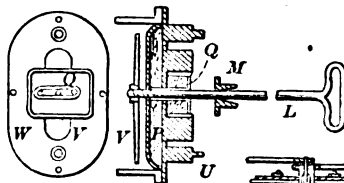
91061—A. M. Allen—Velocipede.



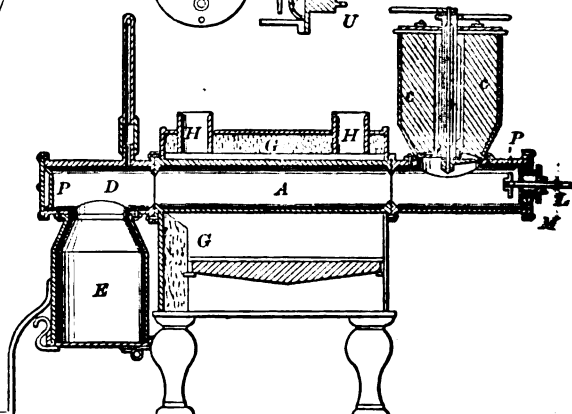
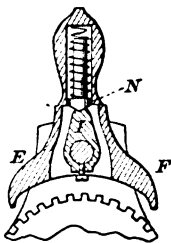
91065—A. G. Andrén—Vise.



91066—Babbett &amp; Binney—For Making Coal Gas.



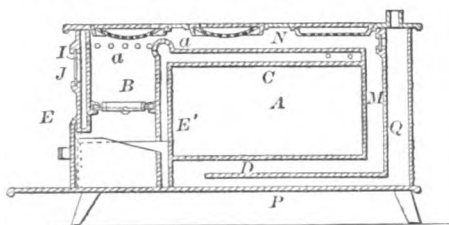
91072—A. B. Bean—Ratchet Feed.



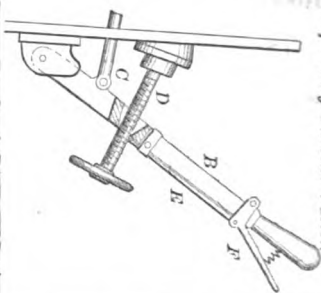




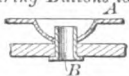
91076—G. S. Bosworth—Stove.



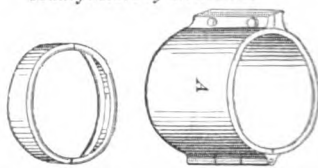
91079—H. L. Brewster—For  
Operating Throttle Valves.



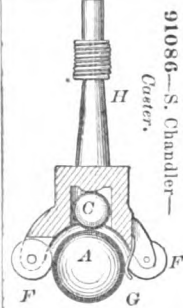
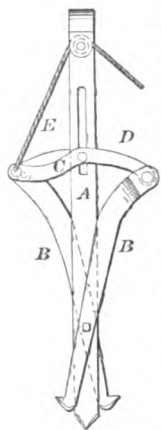
91083—G. J. Capewell—  
Securing Buttons to Fabrics.



91081—G. Burch—For the  
Manufacture of Bracelets.

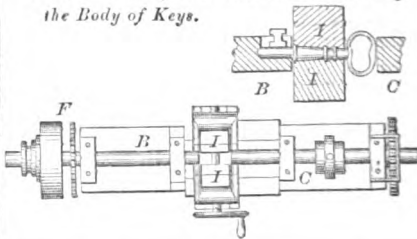


91078—J. Bradley—Horse Hay Fork.

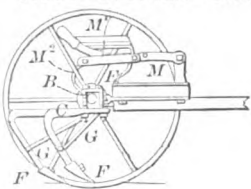


91086—S. Chandler—  
Coater.

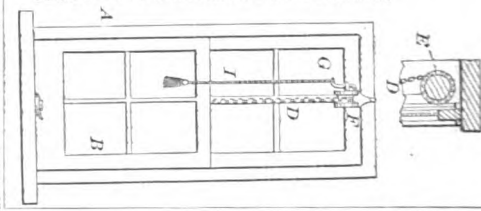
91082—Caffrey & Nettleton—For Milling  
the Body of Keys.



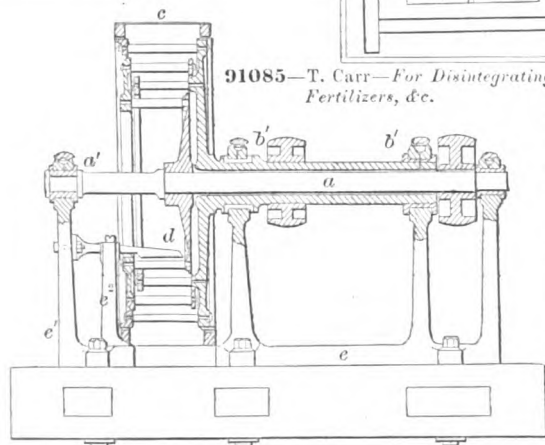
91084—D. F. Carr—Cultivator.



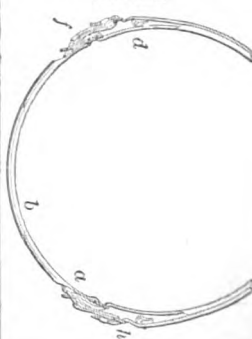
91088—P. Christiansen—Sash Balance.



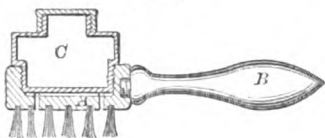
91085—T. Carr—For Disintegrating  
Fertilizers, &c.



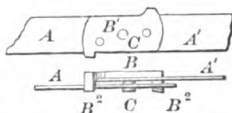
91087—S. G. Cheever—  
Harness.



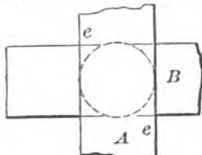
91089—W. B. Coates—Hair Dyeing Brush.



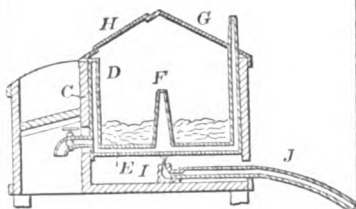
91091—J. Crookes—Cotton Bale Tie.



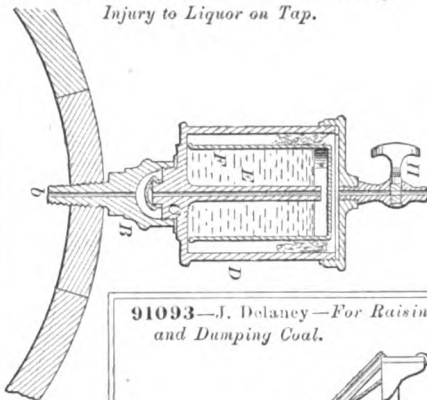
91096—H. A. Devendorf—Paper Box.



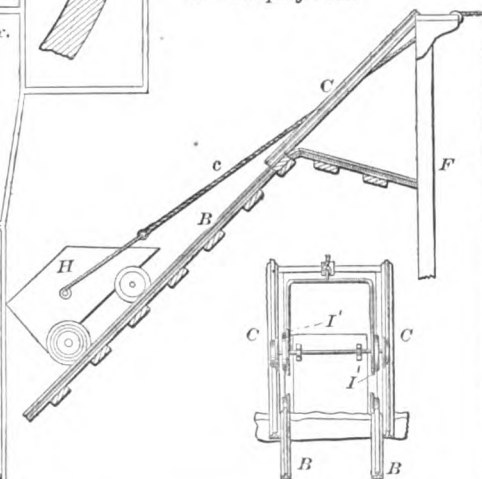
91098—D. Dill—Peanut Oven.



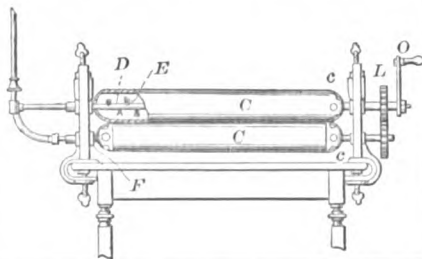
91092—J. G. Cullmann—For Preventing Injury to Liquor on Tap.



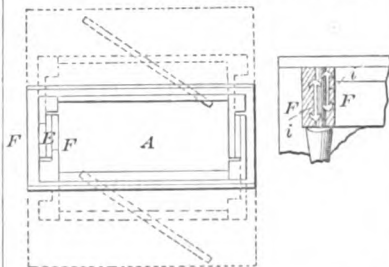
91093—J. Delaney—For Raising and Dumping Coal.



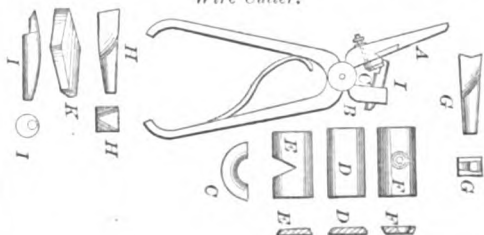
91095—F. A. Desloge—Clothes Mangle.



91099—J. Dourson—Extension Table.



91097—J. L. Devol—Saw Set, Gummer, Punch and Wire Cutter.

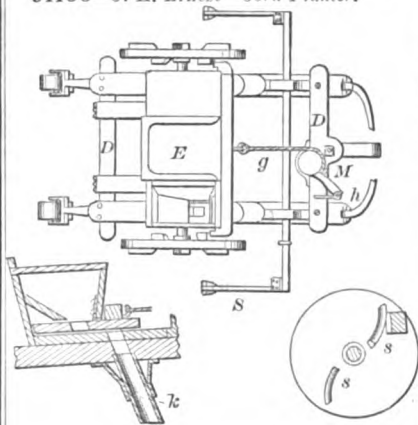


91100—N. A. Downer—For Reducing the Size of Plaster Moulds.

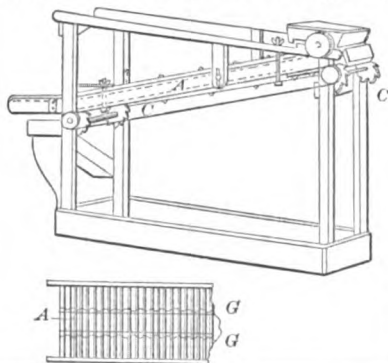




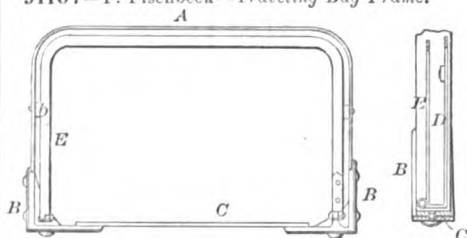
91106—J. H. Ernest—Corn Planter.



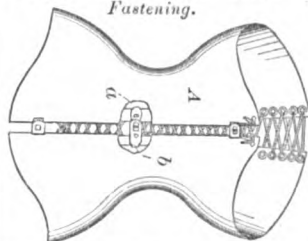
91110—W. D. Freeman—For Cleaning Oats.



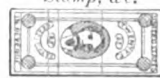
91107—F. Fischbeck—Traveling Bag Frame.



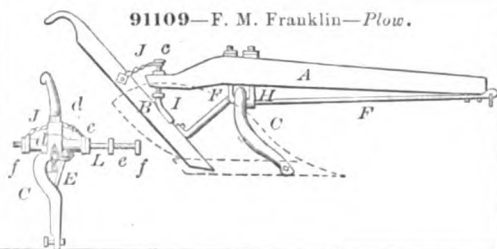
91112—M. E. Frentz—Corset Fastening.



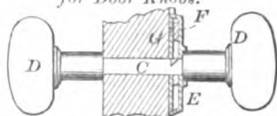
91108—A. C. Fletcher—Postage Stamp, &c.



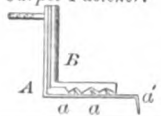
91109—F. M. Franklin—Plow.



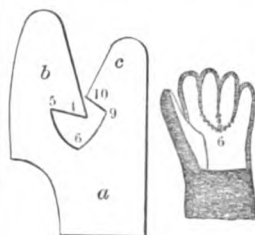
91116—W. W. Guild—Guard for Door Knobs.



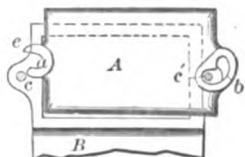
91111—S. N. French—Carpet Fastener.



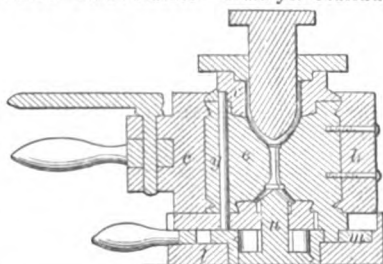
91113—S. Goge—Glove.



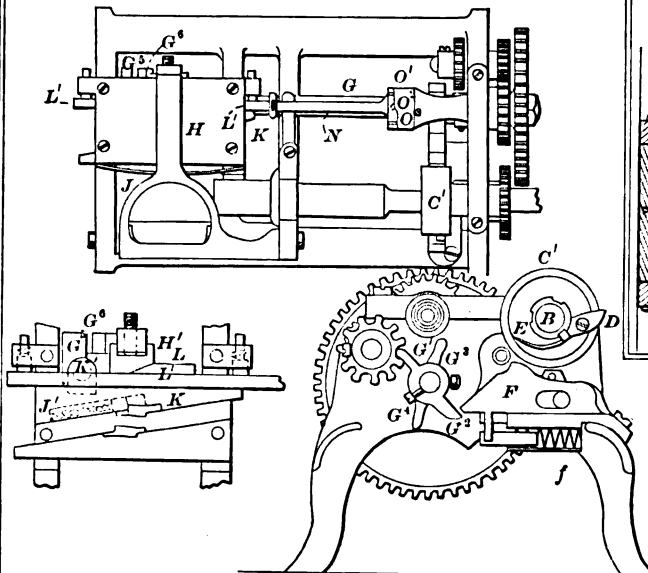
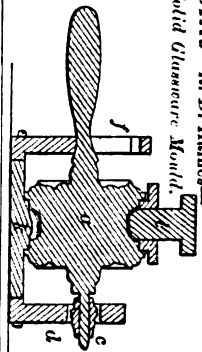
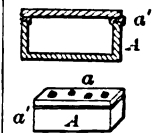
91115—F. Grinnell—Axle Box Cover.



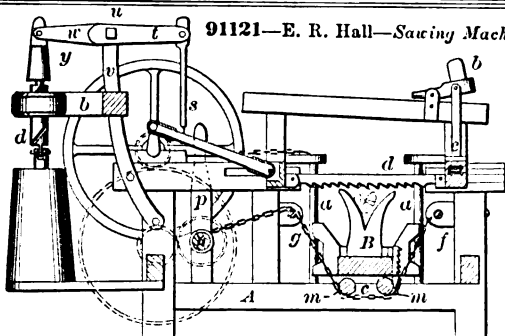
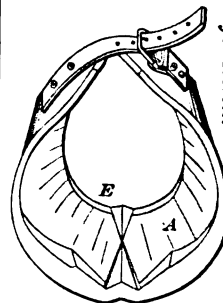
91118—R. D. Haines—Mould for Glassware.



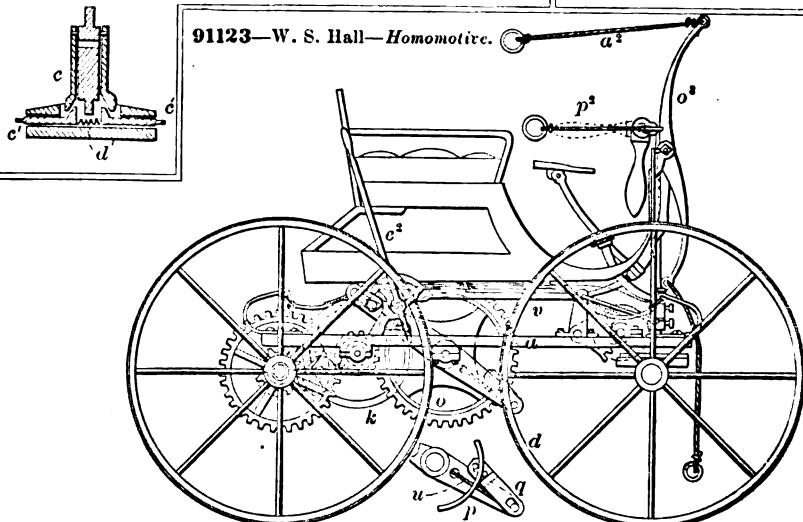
91117—N. B. Hadley—For Threading Screws.

91119—K. D. Haines—  
Solid Gleasener Mould.91120—Hall &  
Lee—Steam  
Packing.

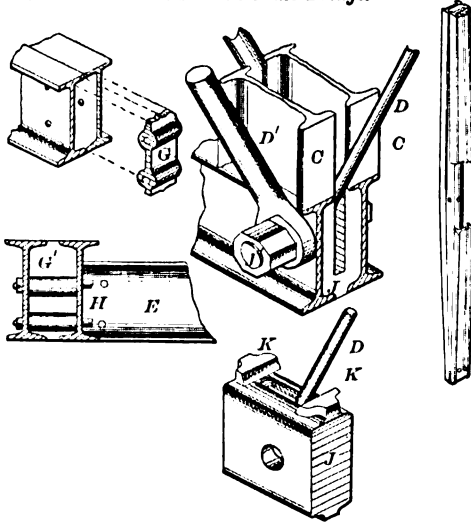
91121—E. R. Hall—Sawing Machine.

91122—W. H. Hall—Hed tiend  
for Horses.

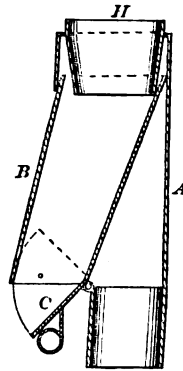
91123—W. S. Hall—Homomotive.



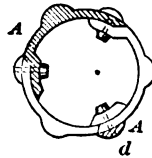
**91124—G. Halstead—*Iron Truss Bridge.***



**91126—C. C. Hare—***Current Changing Apparatus.*



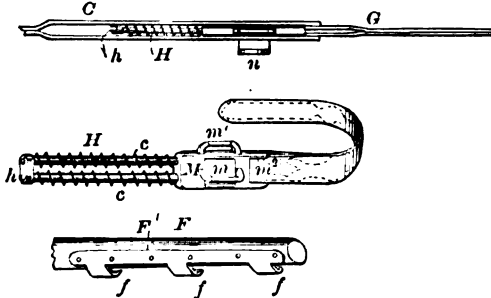
**91125—G. Halstead—**  
*Wrought Iron Column.*



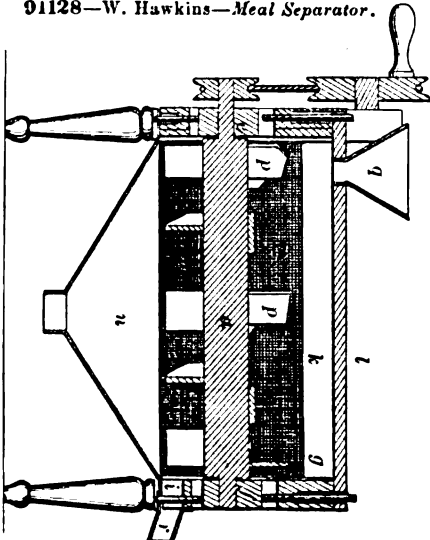
**91130—A. B. Hendryx—**  
*Lamp Shade.*



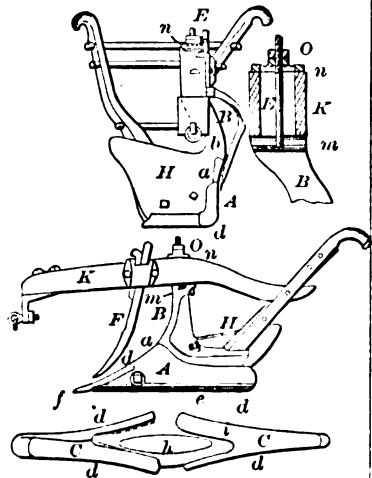
**91127—J. K. Harris—*Harness*.**

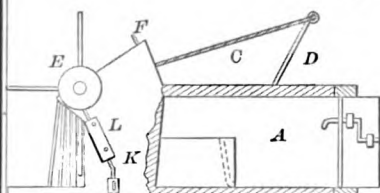
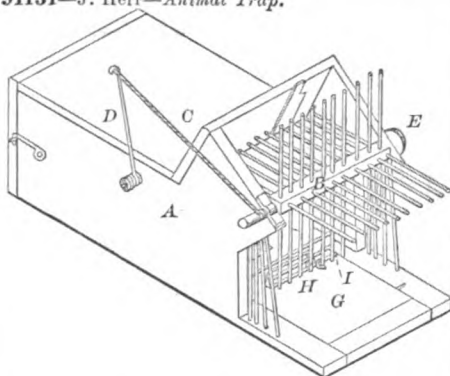
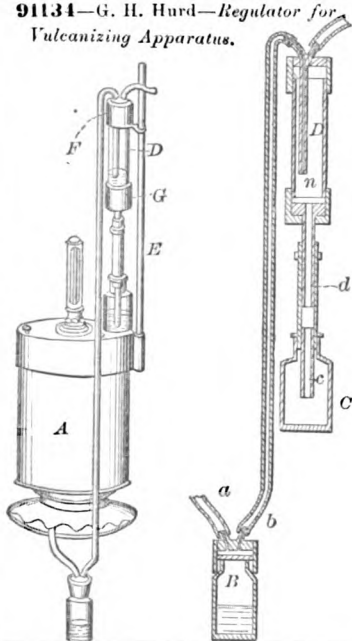
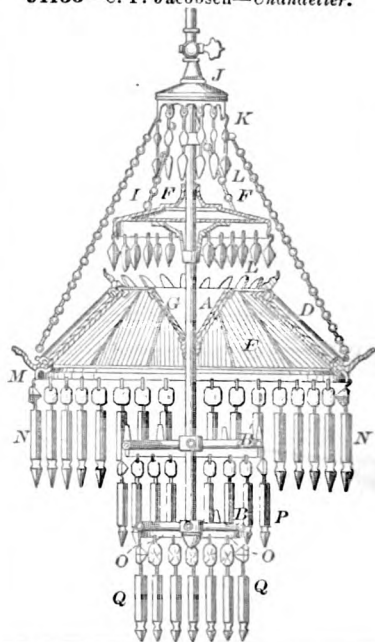
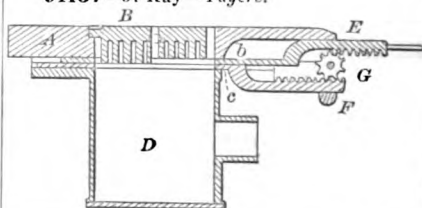
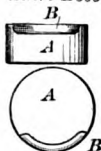
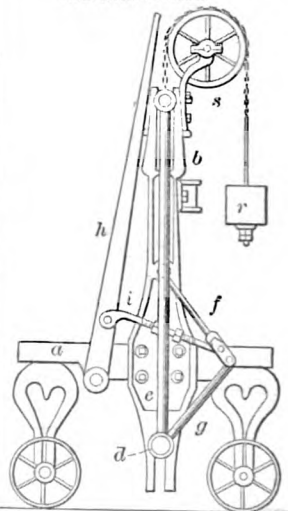


**91128—W. Hawkins—Meal Separator.**

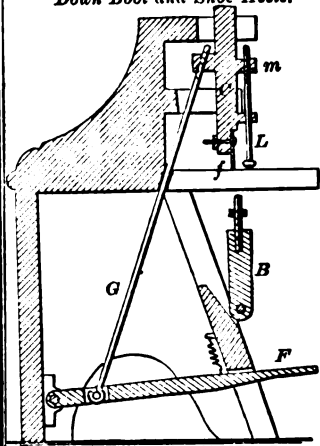


**91129—J. Heckendorn—*Plow.***

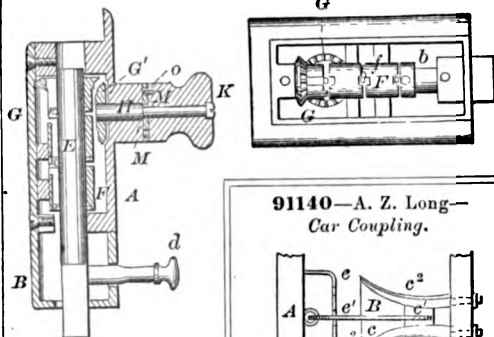


**91131—J. Herr—Animal Trap.****91134—G. H. Hurd—Regulator for Vulcanizing Apparatus.****91135—C. F. Jacobsen—Chandelier.****91137—J. Kay—Tugere.****91138—J. J. Kenna—For Polishing Shirt Bosoms.****91132—Hersey & Hawes—Glassware Press.**

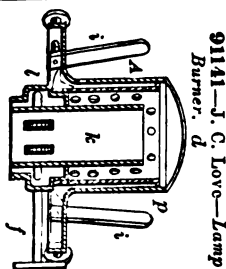
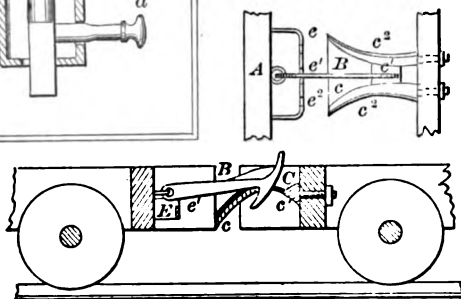
**91136—J. L. Joyce—For Cutting Down Boot and Shoe Heels.**



**91139—L. W. Langdon—Lock.**

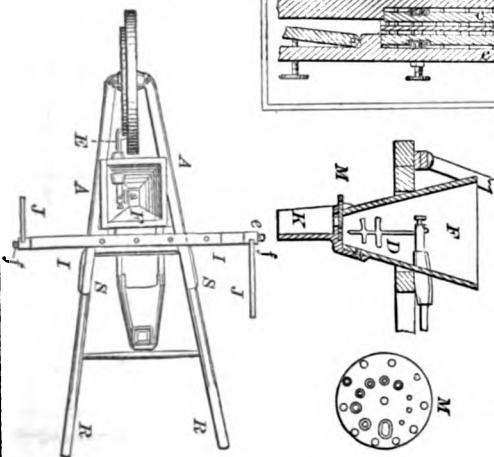
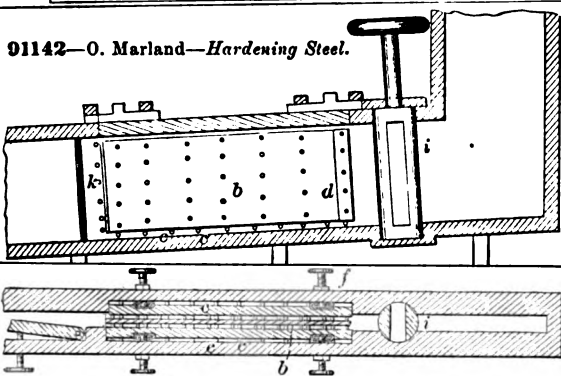


**91140—A. Z. Long—Car Coupling.**



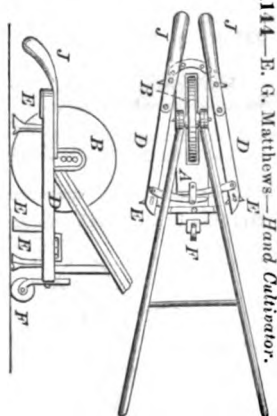
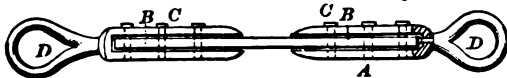
**91141—J. C. Love—Lamp Burner.**

**91142—O. Marland—Hardening Steel.**



**91143—E. G. Mathews—Seed Planter.**

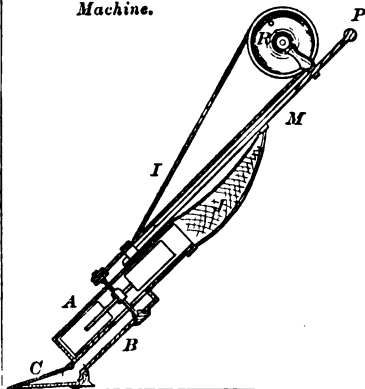
**91146—R. A. McKanna—Swivel Cock Eye.**



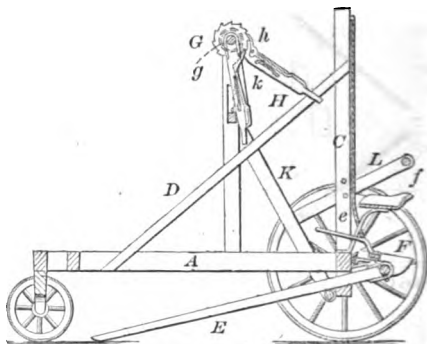
**91144—E. G. Mathews—Hand Cultivator.**



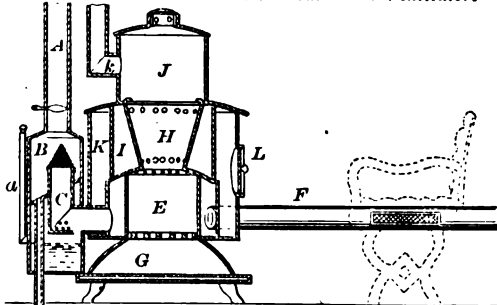
91145—I. W. McGaffey—Sweeping Machine.



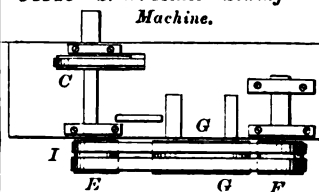
91147—A. J. &amp; S. D. McKee—Hay Loader.



91148—W. L. McNeil—Car Heater and Ventilator.



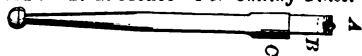
91149—S. W. Miller—Sewing Machine.



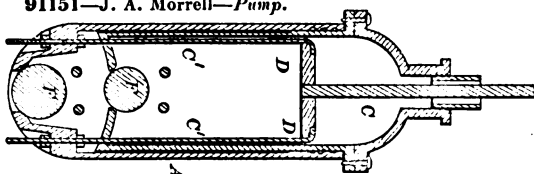
91153—P. C. Moulton—Neck Tie Retainer.



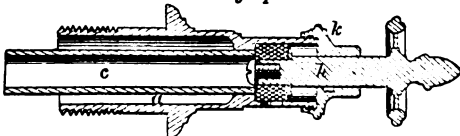
91150—S. G. Monce—For Cutting Glass.



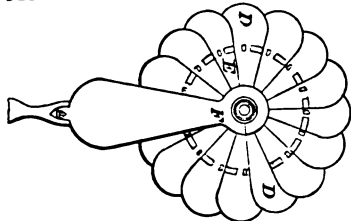
91151—J. A. Morrell—Pump.



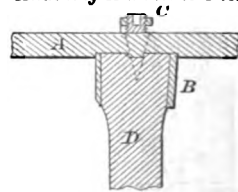
91152—A. J. Morse—Syrup Cock.



91156—O. R. Nitsch—Fan.



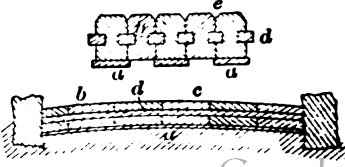
91154—T. H. Neal—Attaching Handles to Picks.

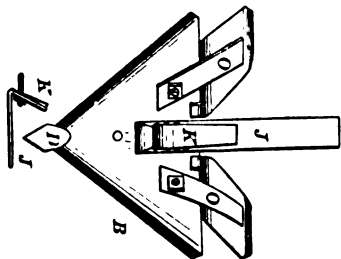


91155—I. E. Newton—Stone Cutting and Dressing Saws.

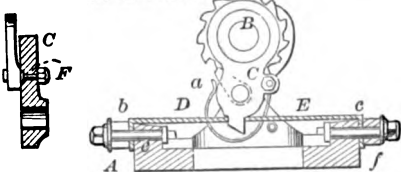
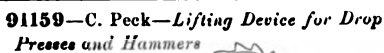


91158—J. F. Paul—Wood Pavement.

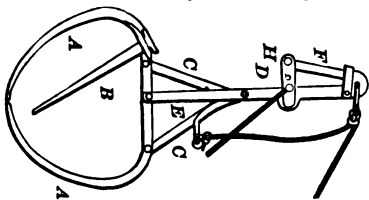




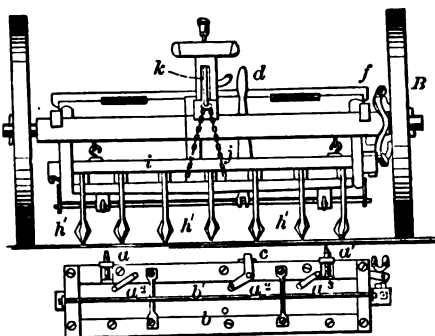
**91157—W. O'Neill—*Plow.***



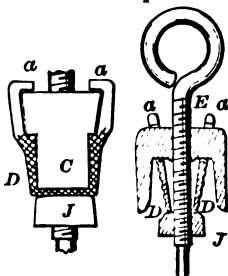
**91160—G. C. Perry—Horse Hay Fork.**



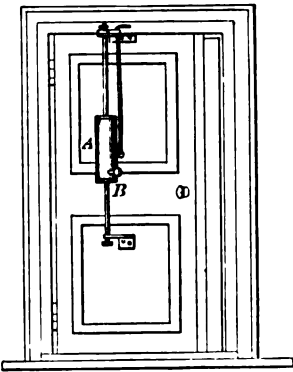
**91161—O. M. Pond—Seeder and Cultivator.**



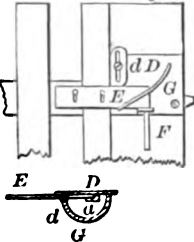
91162—J. M. Road—  
*Boot Crimper.*



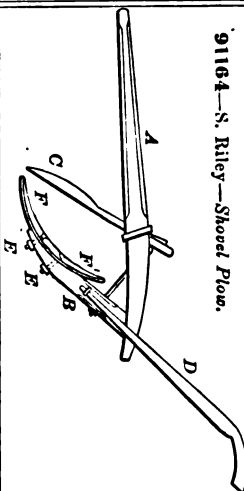
**91163**—J. Reiser—*Door Pulley.*



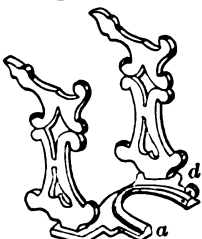
**91167**—I. J. Rycerson—  
*Gate Hinge.*



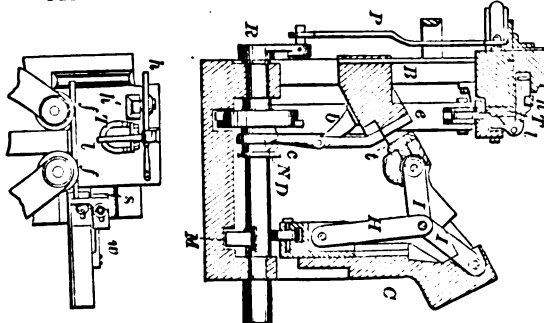
**91164—S. Riley—Shovel Plow.**



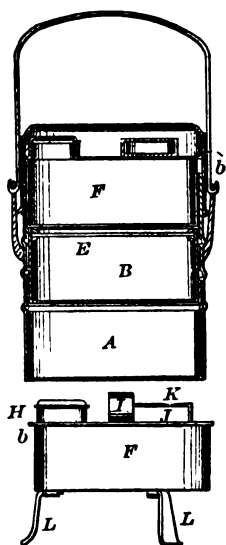
**91166—C. A. Roberts—**  
*Pen Rack.*



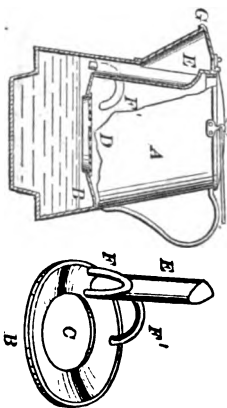
**91165**—W. D. Rinehart—*For Making Horse Shoes.*



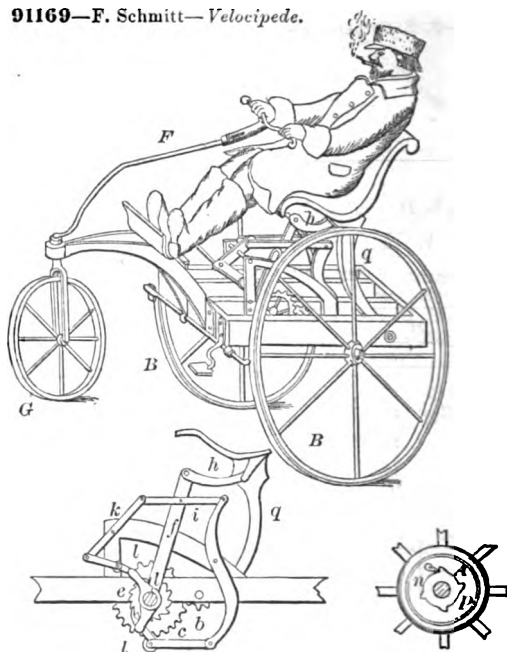
91168—M. Saulson—Dinner Pail.



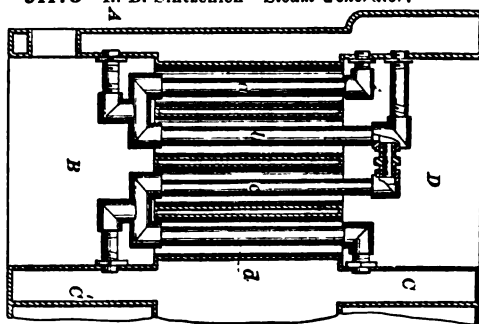
91170—C. H. Scholle—Coffee Boiler.



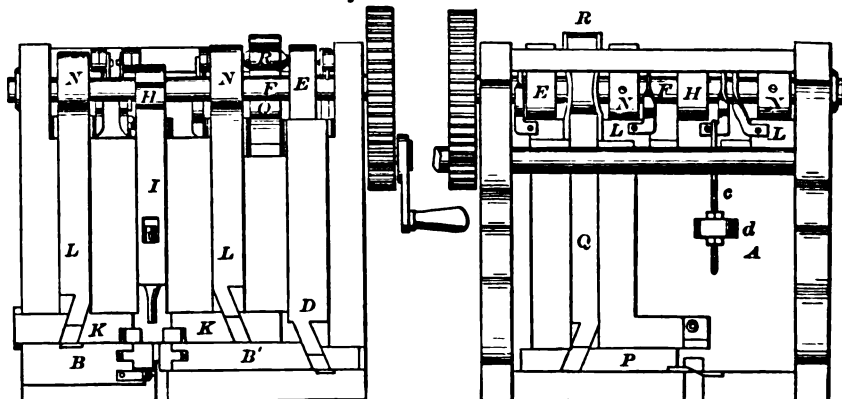
91169—F. Schmitt—Velocipede.



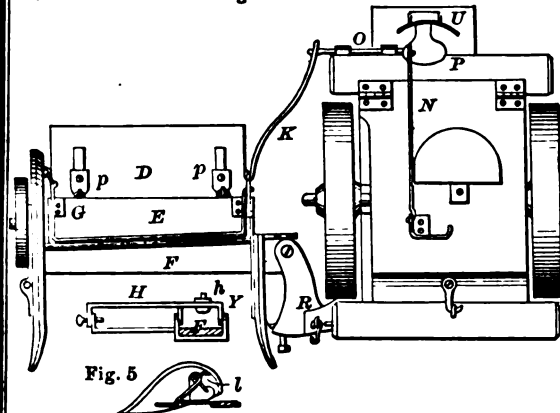
91173—E. B. Sintzenich—Steam Generator.



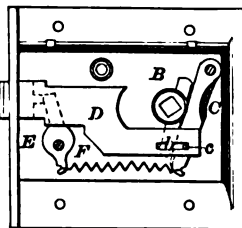
91171—F. Schweizer—Bolt Heading Machine.



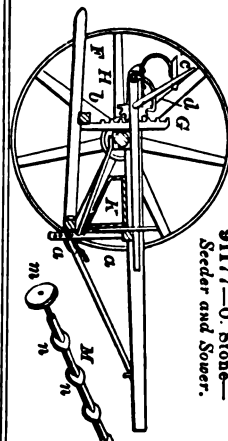
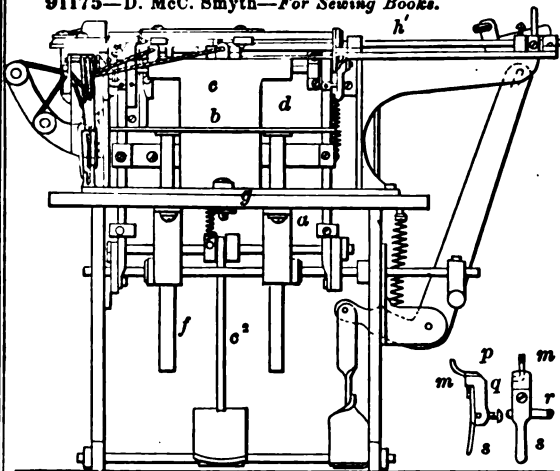
91172—J. F. Seiberling—Harvester



91174—T. Slaight—Knob Latch.

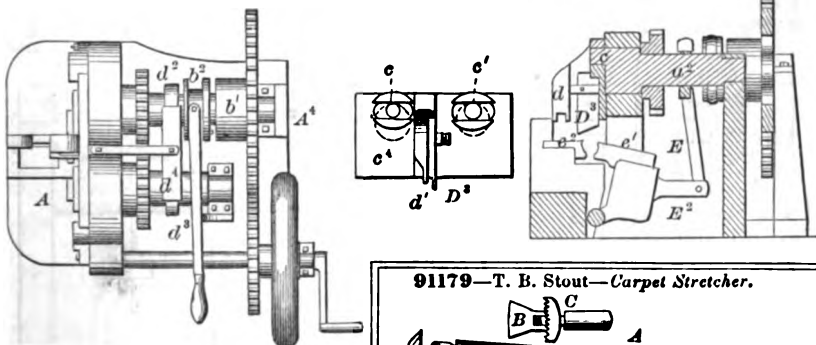


91175—D. McC. Smyth—For Sewing Books.

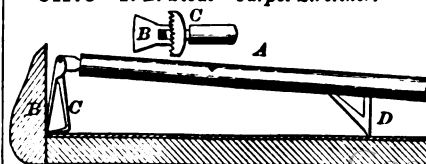


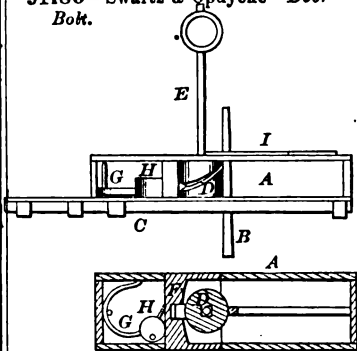
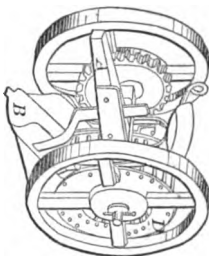
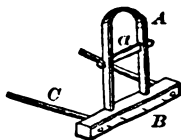
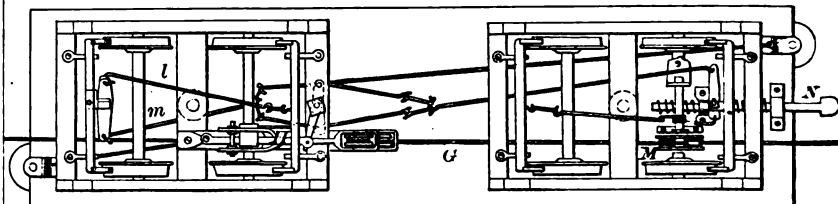
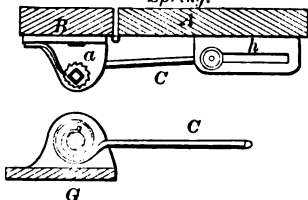
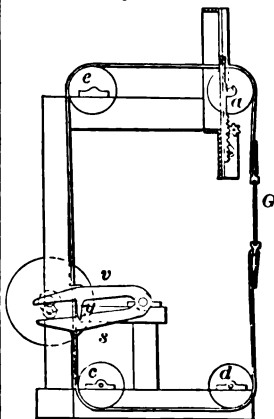
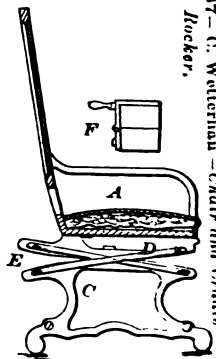
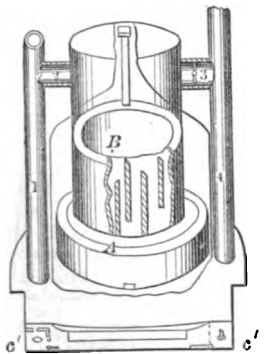
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91178—J. Stone—For Welding and Cutting Railroad Rails.

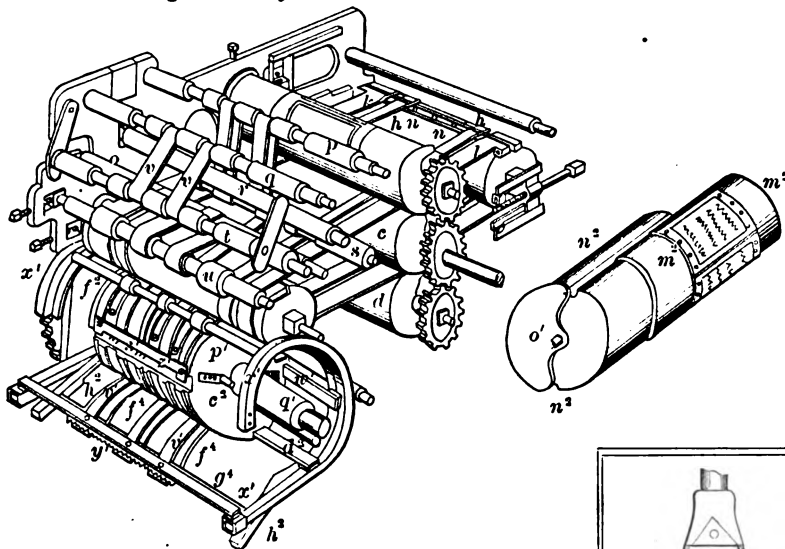


91179—T. B. Stout—Carpet Stretcher.

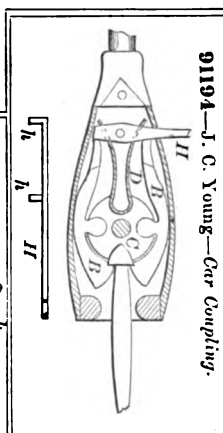
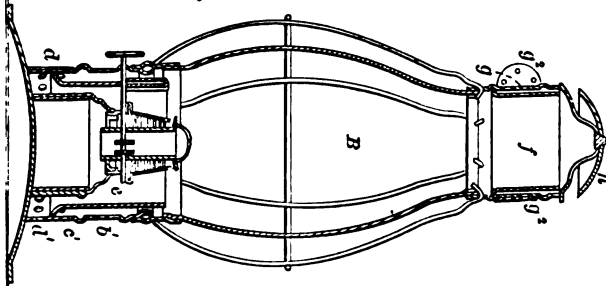


**91180—Swartz & Opdycke—Door  
Bolt.****91182—D. C. Thomas—  
Potato Digger.****91183—  
J. L. W. Townsend—  
Yoke.****91181—Tatham & Steger—Car Brake.****91184—J. L. Tucker—Door  
Spring.****91185—W. P. Uhlinger—  
Sawing Machine.****91187—C. Wetherman—Chair and Cradle  
Rocker.****91186—R. B. Varden—Stove.****91189—D. Wilcox—Hat.****91188—R. White—Lock Nut.****91190—A. Wilkin—Fireplace.**

91191—J. K. Wright—Printing Press.

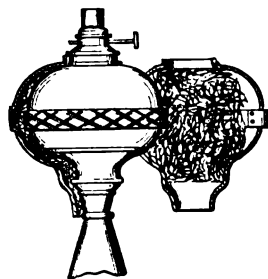


91192—H. C. Yerby—Lantern.

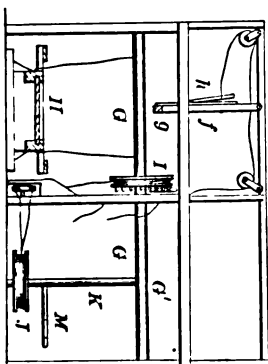


91194—J. C. Young—Car Coupling.

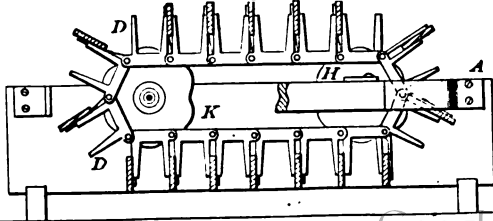
91195—C. Zaiser—Lamp.



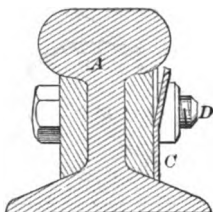
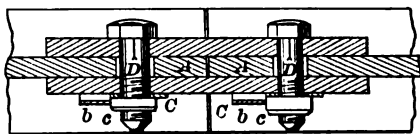
91193—J. Vost—Elevator.



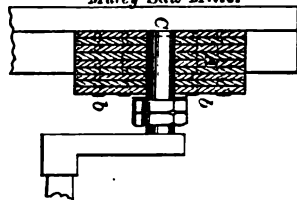
91196—A. Zink—Propelling Apparatus.



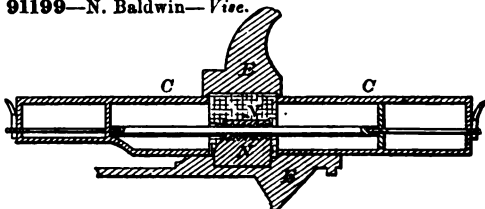
91197—S. C. Adams—Nut Lock.



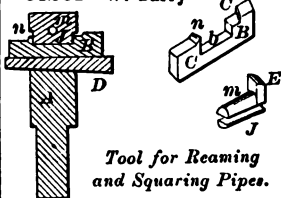
91200—A. P. Barlow—Slide Block for Muley Saw Mills.



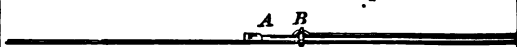
91199—N. Baldwin—Vise.



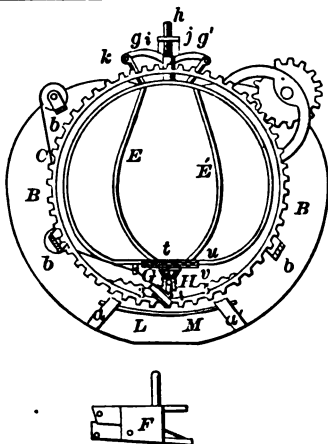
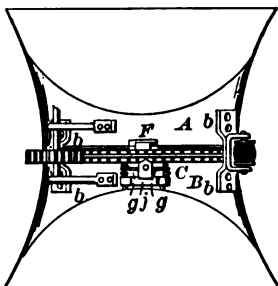
91201—W. Barry—



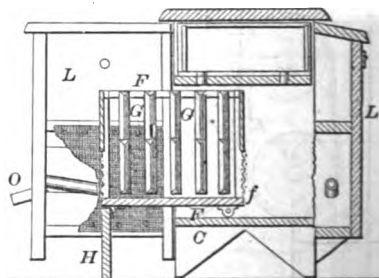
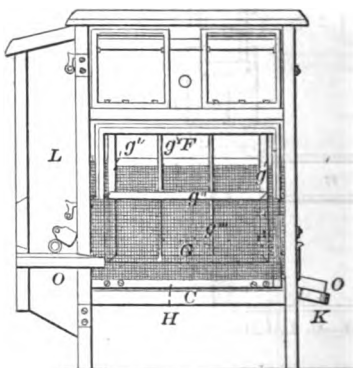
91198—A. B. Auer—Check Book Clip.



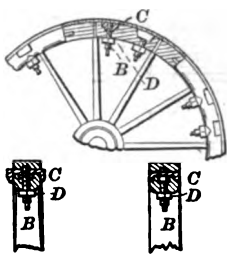
91202—C. L. Beamer—Grain Binder.



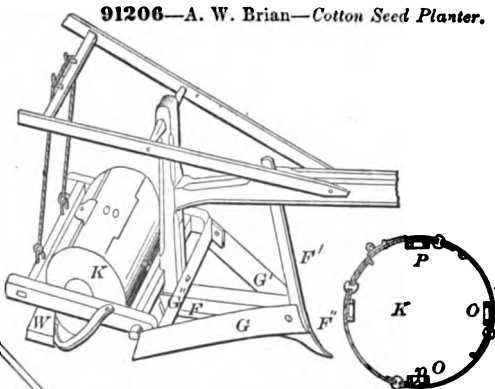
91203—H. Berix—Beehive.



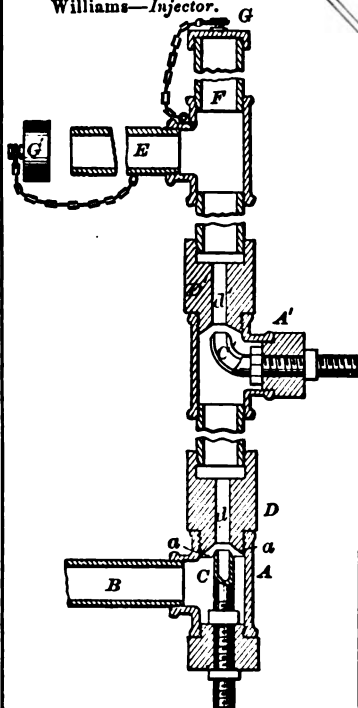
91204—C. W. Bierbach—  
Wagon Wheel.



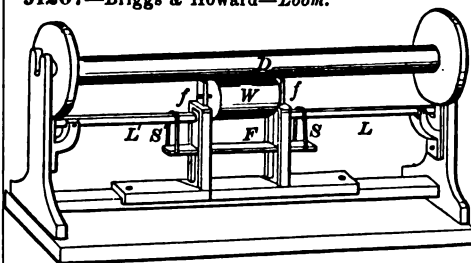
91206—A. W. Brian—Cotton Seed Planter.



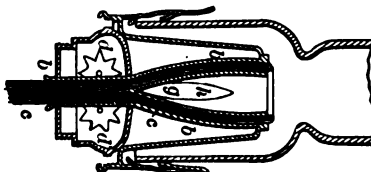
91205—Blakslee &  
Williams—Injector.



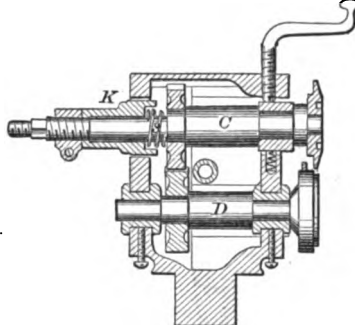
91207—Briggs & Howard—Loom.



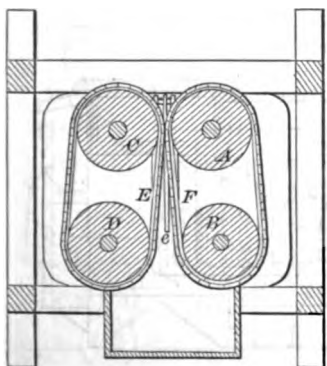
91208—A. W. Browne—Lamp Burner.



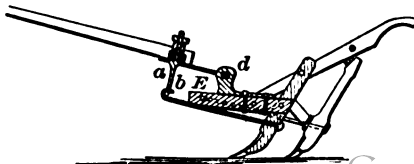
91209—B. Buckland—Tinmiths' Machine.



91210—C. L. Carter—Cider Mill.

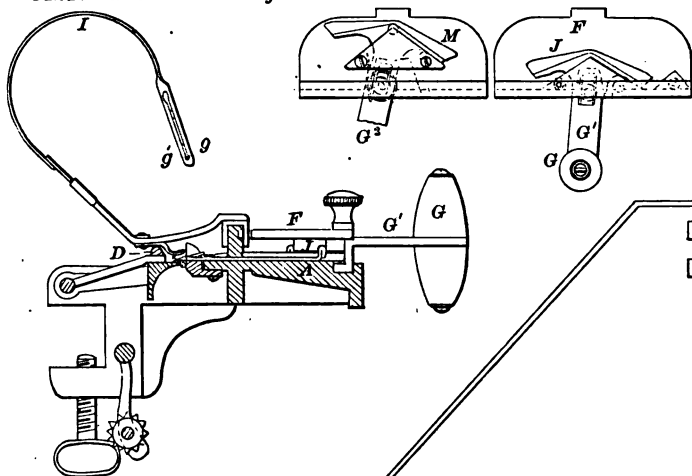


91212—B. M. Close—Cultivator.

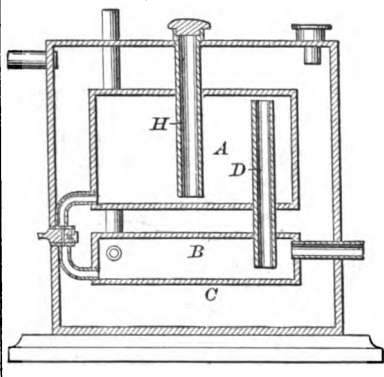




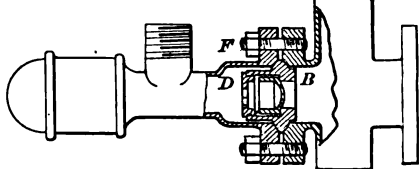
91215—T. Crano—Knitting Machine.



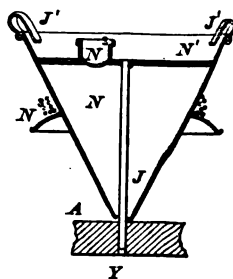
91213—W. H. Covel—Carburetter.



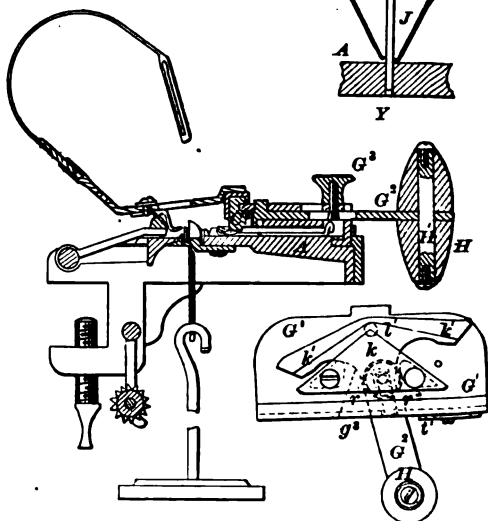
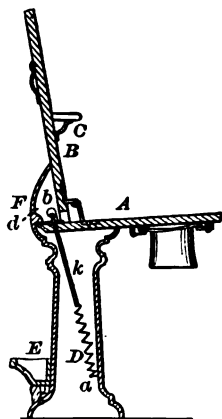
91211—P. Cheswell—Locomotive Feed Pump.



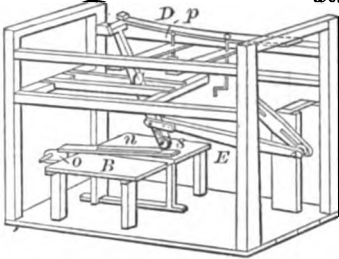
91214—T. Crano—Knitting Machine.



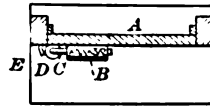
91217—W. Dixon—Theatre Chair.



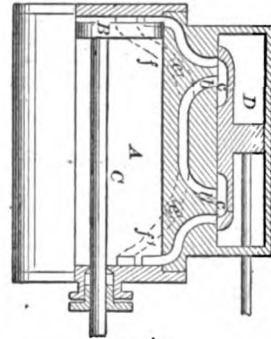
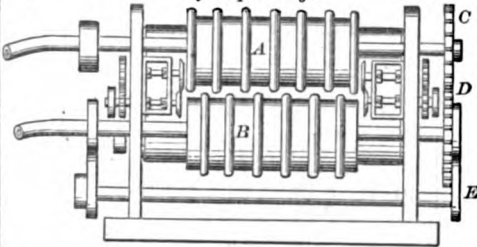
**91219**—P. Farrell—*For Finishing Leather, Paper &c.*



**91222**—O. V. Flora—*Door Spring.*

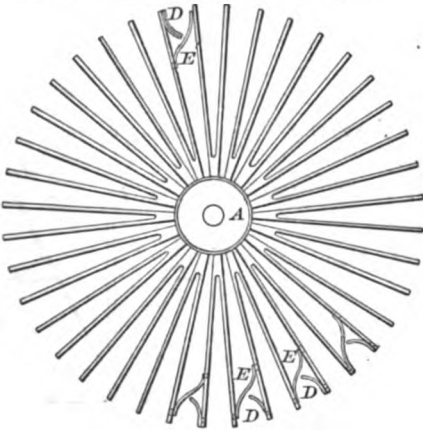


**91220**—W. E. Farrell—*Paper for the Manufacture of Paper Bags.*

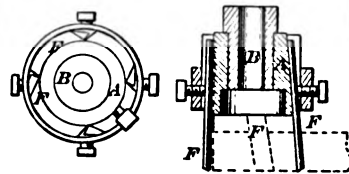


**91224**—W. Fuzard—*Steam Engine.*

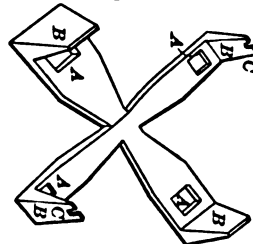
**91221**—A. C. Fletcher—*Paddle Wheel.*



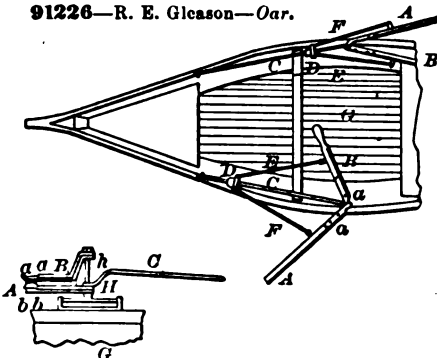
**91225**—A. J. Gibson—*Bung Cutter.*



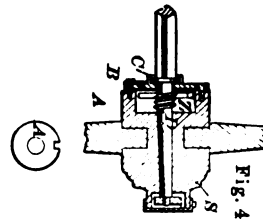
**91227**—A. Guinsburg—*Household Implement.*



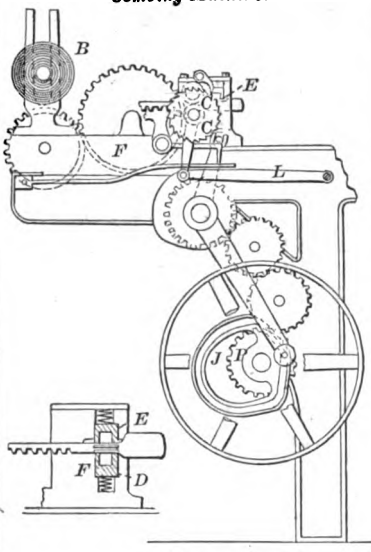
**91226**—R. E. Gleason—*Oar.*



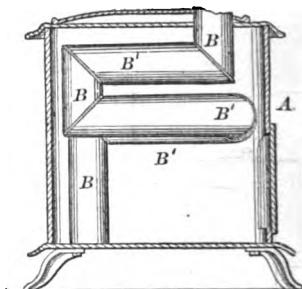
**91228**—J. Gunn—*For Attaching Hubs to Axles.*



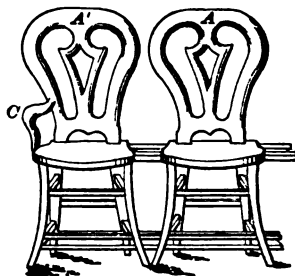
**91229—Hadley & Johnson—Cotton Combing Machine.**



**91231—Hepburn & Rainer—Stove Drum.**



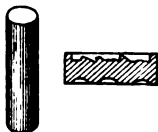
**91232—S. Hill—Settee.**



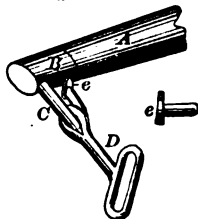
**91234—J. W. Hyatt, Jr.—Dominoes.**



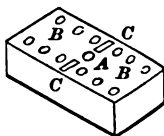
**91233—J. W. Hyatt, Jr.—Checker Men.**



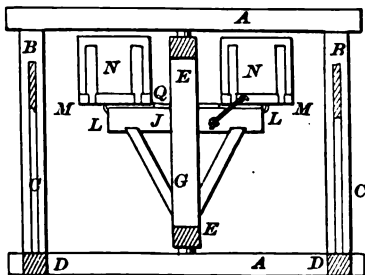
**91230—J. A. Hammon—Whiffletree Hook.**



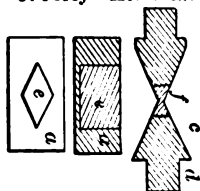
**91235—J. W. Hyatt, Jr.—Dominoes.**



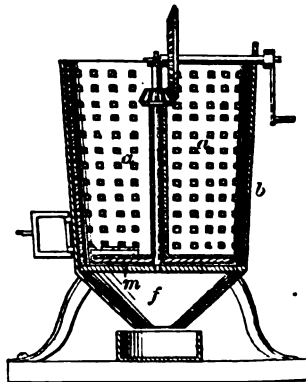
**91236—J. N. Jackson—For Loading Locomotive Tenders.**



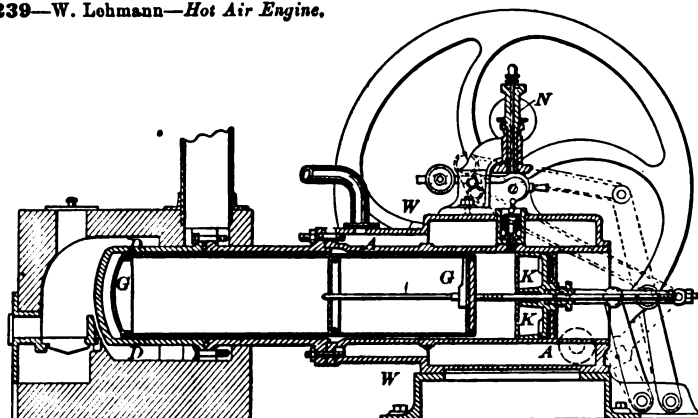
**91237—J. Jorey—Horse Shoes Calk.**



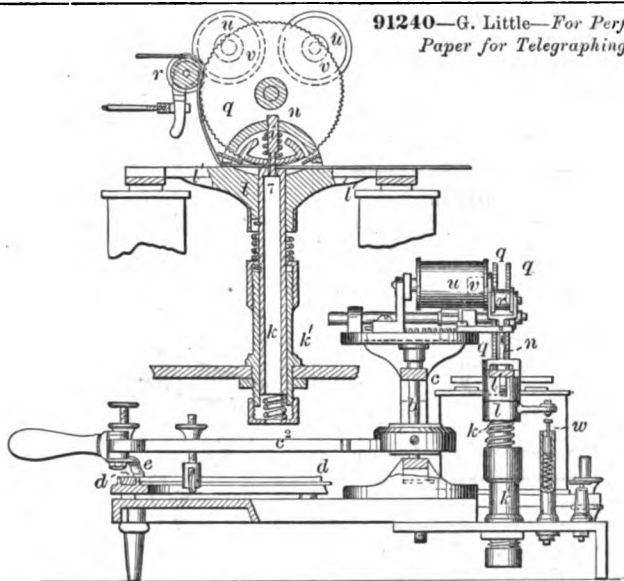
**91238—C. Lehman—For Peeling Fruit.**



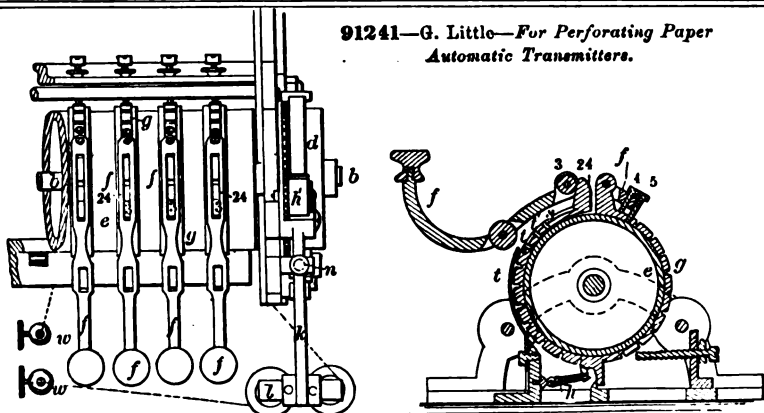
91239—W. Lehmann—Hot Air Engine.



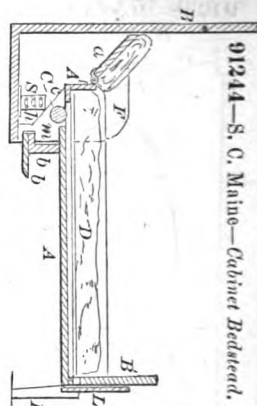
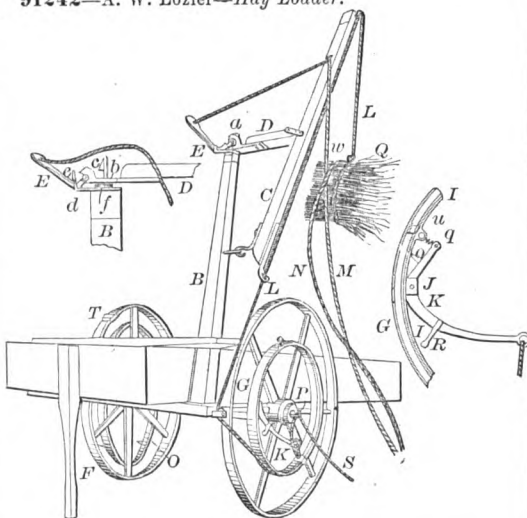
91240—G. Little—For Perforating Paper for Telegraphing.



91241—G. Little—For Perforating Paper Automatic Transmitters.

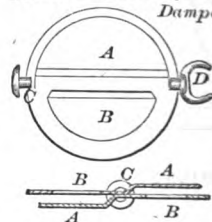


91242—A. W. Lozier—Hay Loader.

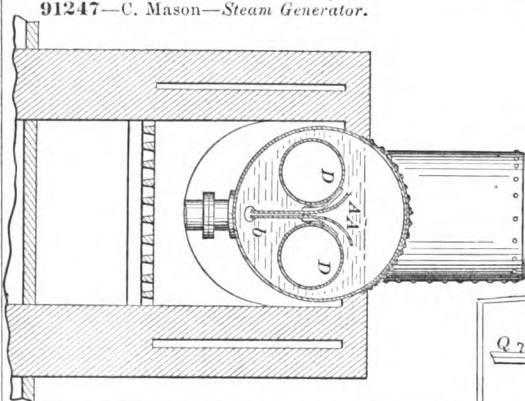


91244—S. C. Maine—Cabinet Bedstead.

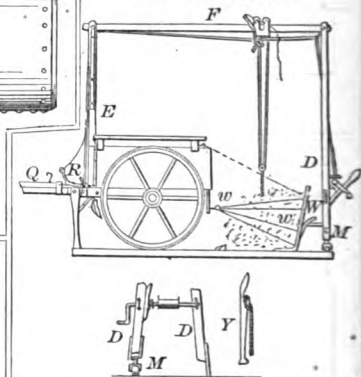
91245—H. Mallory—Stove Damper.



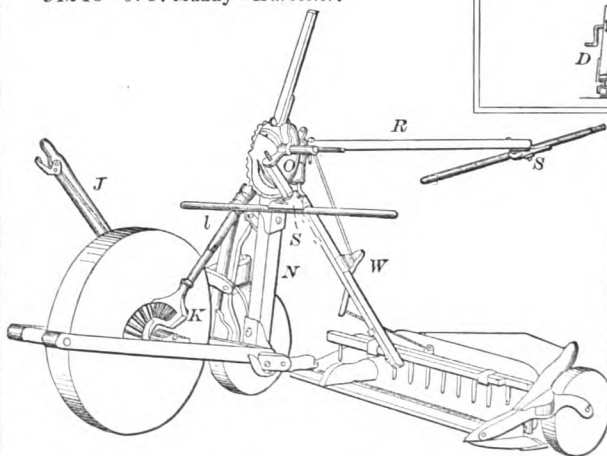
91247—C. Mason—Steam Generator.



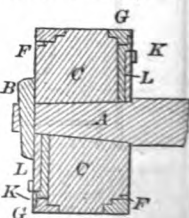
91243—A. W. Lozier—Hay Rake and Loader.



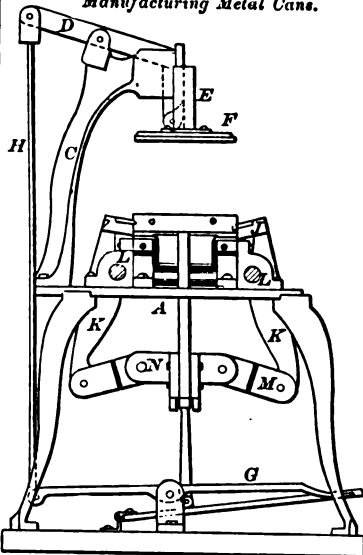
91246—J. P. Manny—Harvester.



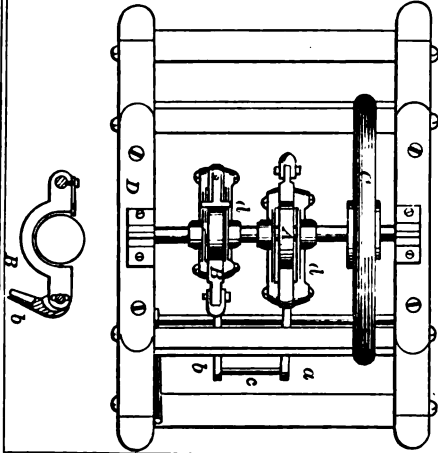
91250—A. McMullin—Piston Packing.



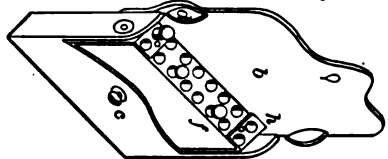
**91248—Mays & Bliss—For Manufacturing Metal Cans.**



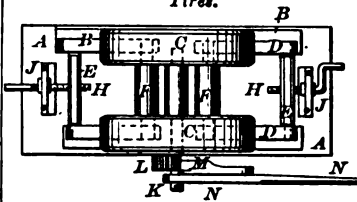
**91251—H. Merriman—Mechanical Movement.**



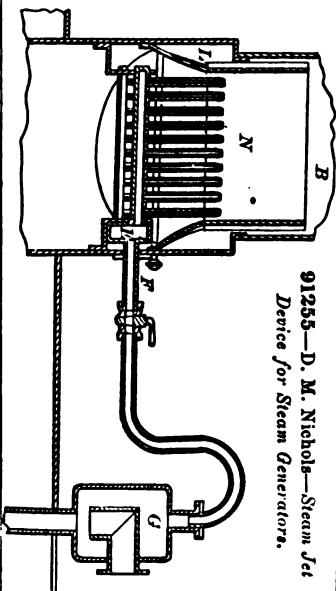
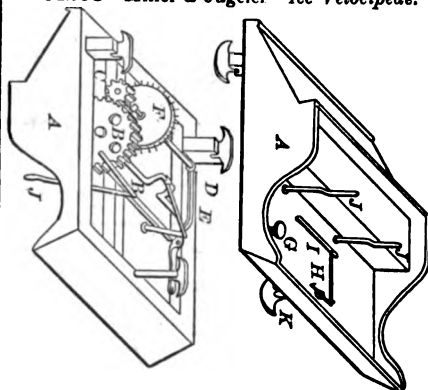
**91249—J. R. McGinness—Cartridge Box.**



**91252—J. Metzgar—For Bending Tires.**

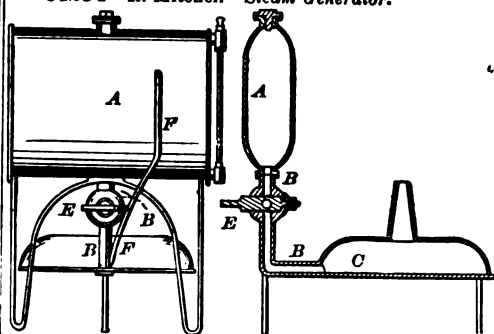


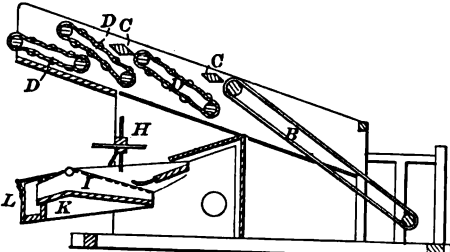
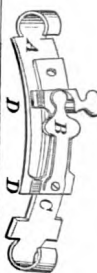
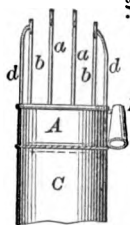
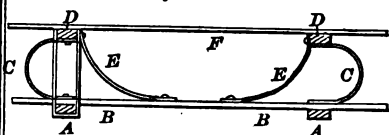
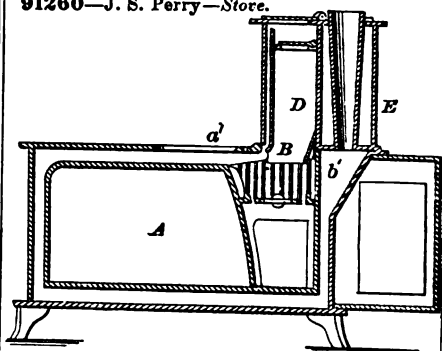
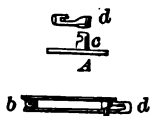
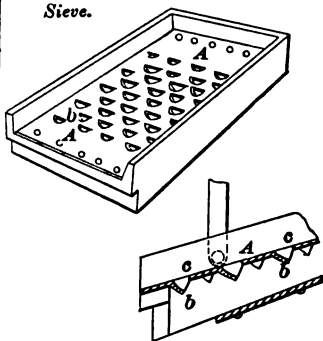
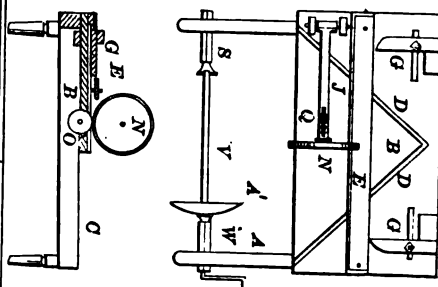
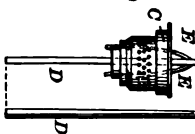
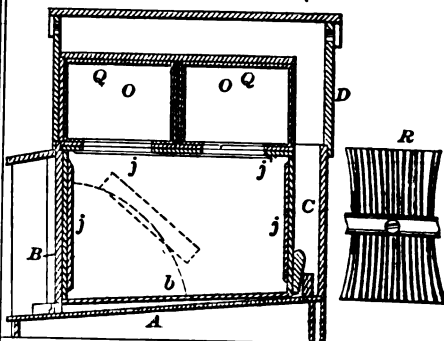
**91253—Miller & Jageler—Ice Velocipede.**



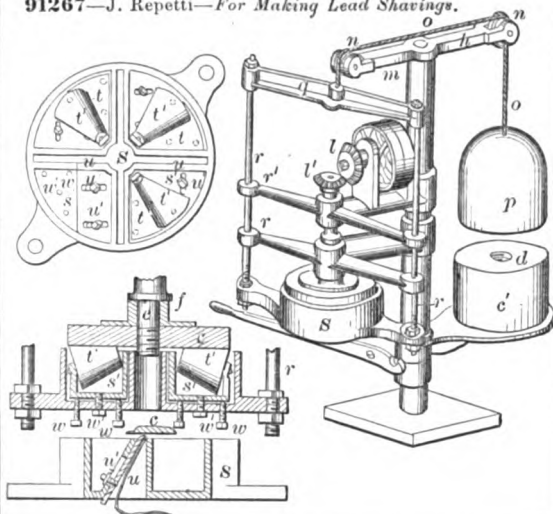
**91255—D. M. Nichols—Steam Jet Device for Steam Generators.**

**91254—R. Mitchell—Steam Generator.**

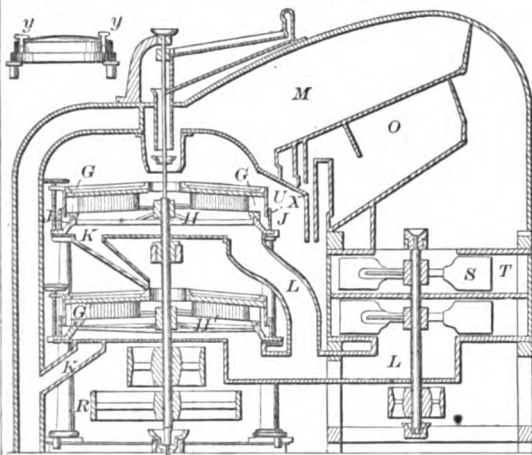


91257—G. Oerlein—*Threshing Machine.*91258—Paddington & Crew—*Hames Strap.*91256—T. Nutting—*Fruit Picker.*91259—T. Payne—*Bed Bottom.*91260—J. S. Perry—*Store.*91261—C. F. Pierce—*Safety Attachment for Breastpins.*91262—Plamandan & Maher—*Grain Sieve.*91264—Race & Whitney—*For Measuring and Winding Cloth, &c.*91263—G. Pugh—*Lamp.*91266—Redfield & Hubbard—*Beehive.*91265—J. S. Rankin—*Uterine Supporter.*

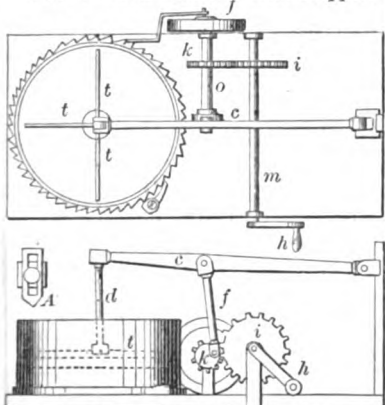
91267—J. Repetti—For Making Lead Shavings.



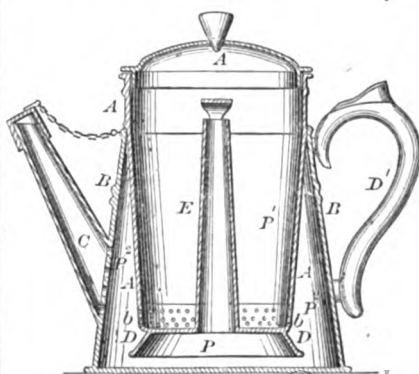
91270—H. Richmann—Grain Separator.



91273—M. E. Russell—Meat Chopper.



91274—S. T. Savage—Coffee Pot.



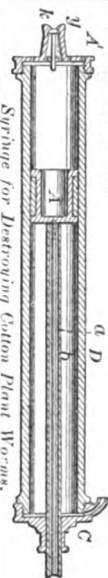
91268—A. S. Richards—Paper File.



91271—X. Robert—For Recutting Files.



91272—A. Kohra—

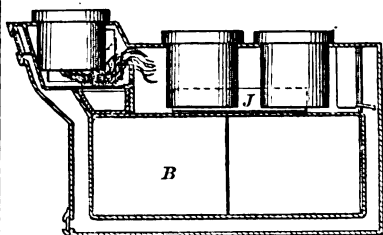


91269—Richards & Curtis—Cutter Head.

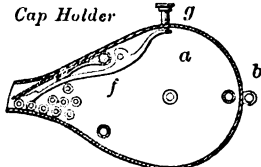




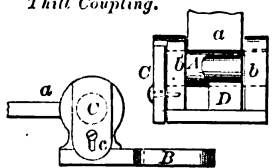
91273—A. C. Schwanke—Stove.



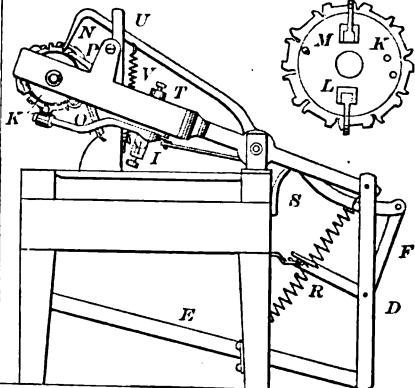
91276—Seymour &amp; Perkins—Percussion Cap Holder



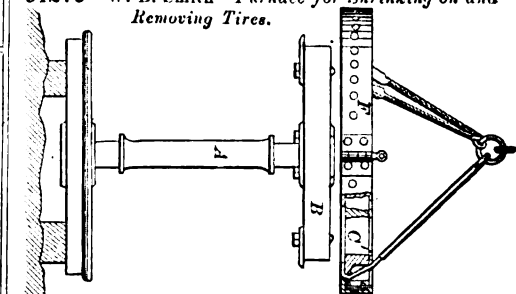
91280—Spalding &amp; Southwell—Thill Coupling.



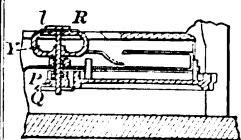
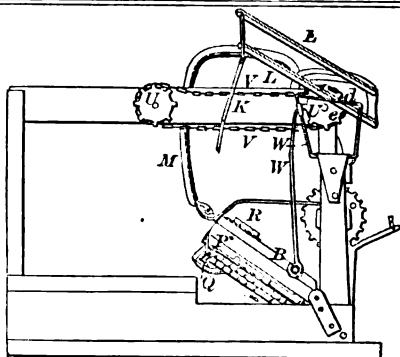
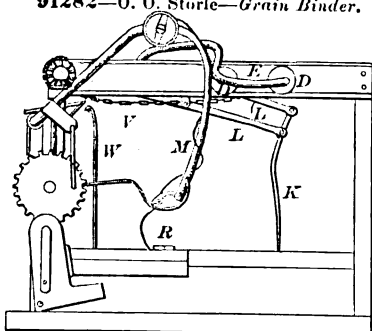
91277—C. L. Sholes—Paging Machine.



91279—W. B. Smith—Furnace for Shrinking on and Removing Tires.



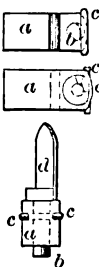
91282—O. O. Storie—Grain Binder.



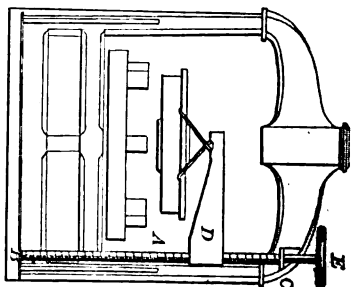
91278—D. Smith—Cartridge.



up Boot and Shoe Sides.



91283—H. D. Stover—Hoisting Apparatus.

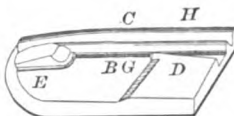


91281—E. M. Stevens—for Bounding

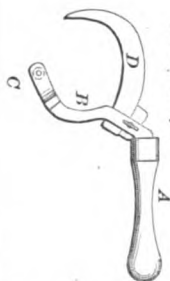
91284—H. P. Straub—  
Millstone Pick.



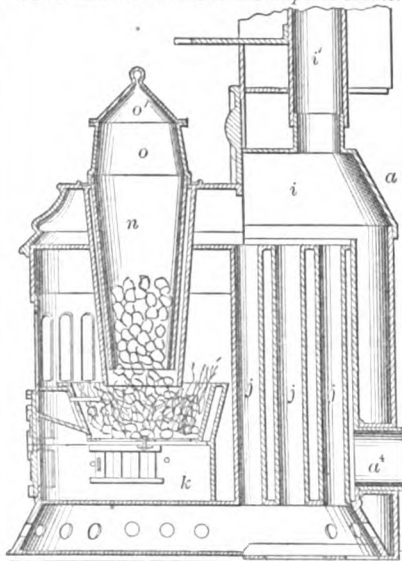
91285—J. B. Sulgrove—  
Sewing Machine Corder.



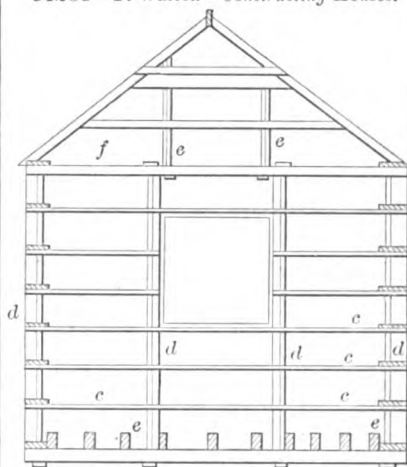
91286—J. Temple—For Paring  
Horses' Hoofs.



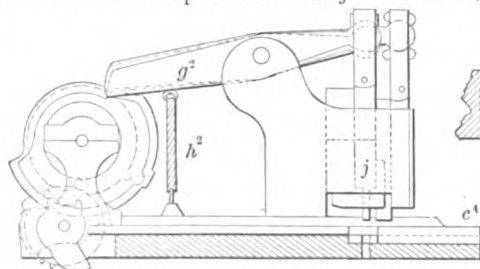
91287—J. M. Thatcher—Fireplace Heater.



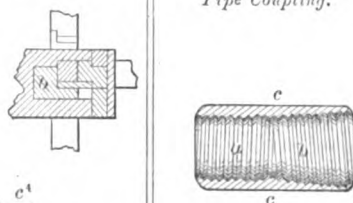
91289—F. Walton—Constructing Houses.



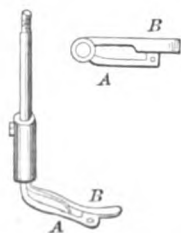
91288—A. S. Upson—For Making Metallic Nuts.



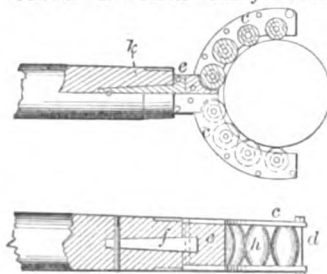
91291—F. R. Wegman—  
Pipe Coupling.



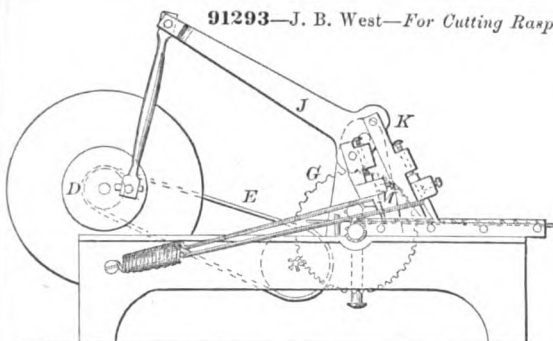
91292—G. W. Wells—Sewing Machine  
Guide.



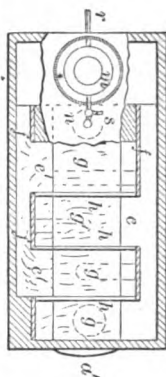
91290—I. Webster—Jaw for Brooms.



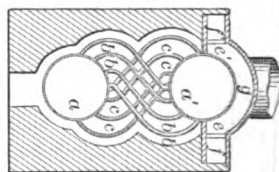
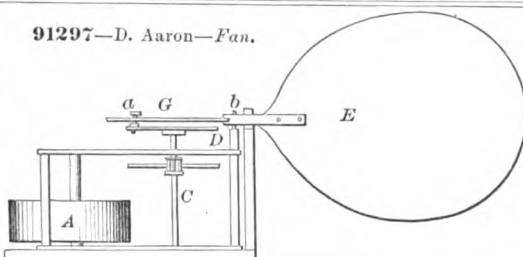
91293—J. B. West—For Cutting Rasps.



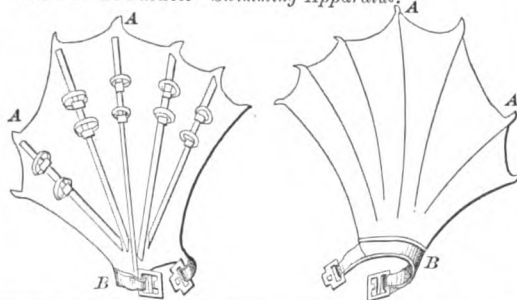
91294—L. W. Wilcox—Steam Generator.



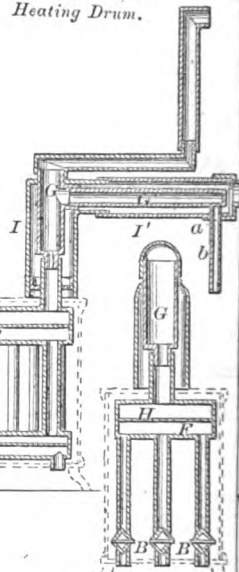
91297—D. Aaron—Fan.



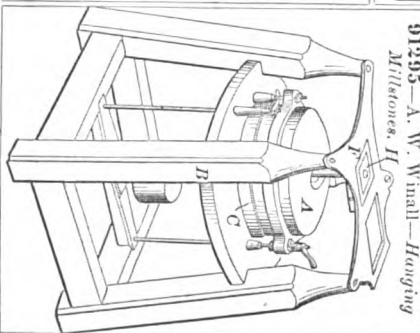
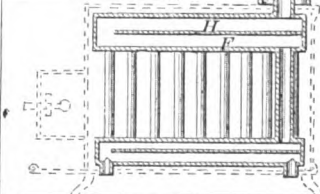
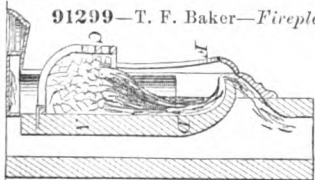
91300—F. Barnett—Swimming Apparatus.



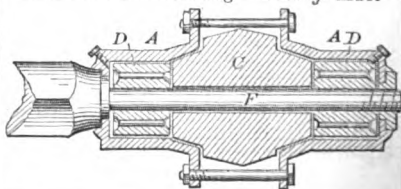
91301—S. M. Bayard—Heating Drum.



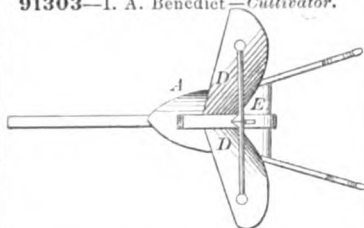
91299—T. F. Baker—Fireplace.



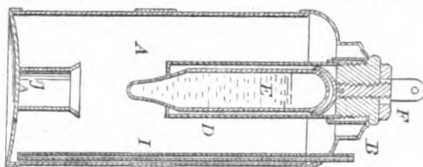
91302—H. V. Belding—Carriage Hub.



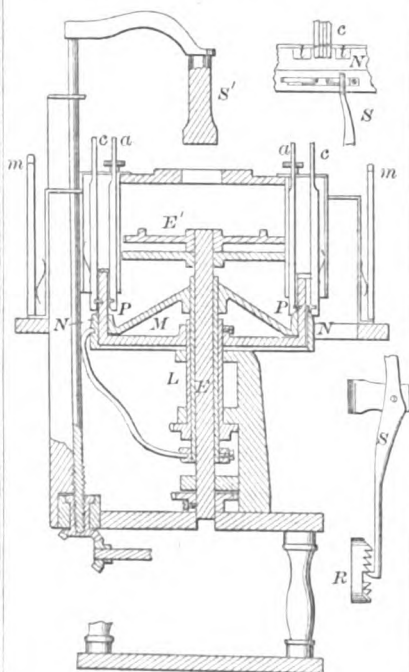
91303—L. A. Benedict—Cultivator.



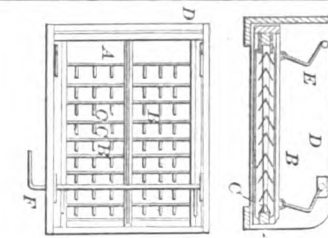
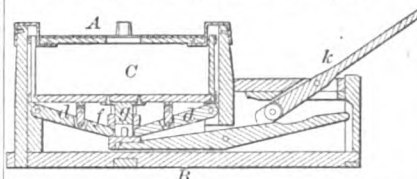
91304—J. F. Boynton—For Extinguishing Fires.



91305—P. Brooks—Loom.

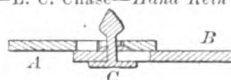


91306—Brown & Gould—Tire Cooler.

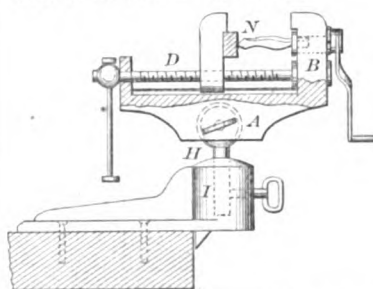


91307—L. D. Carpenter—  
Grain Sieve.

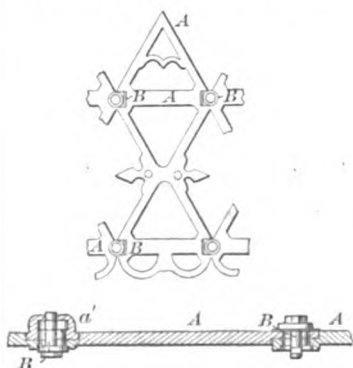
91308—L. C. Chase—Hand Rein Fastening



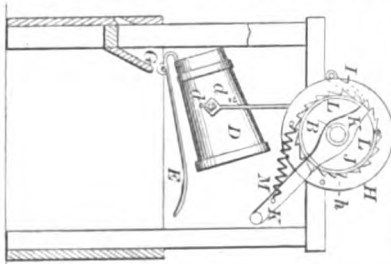
91309—O. Dean—Vise and Drill.



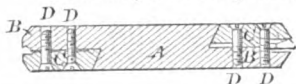
91310—D. J. De Groat—Fence.



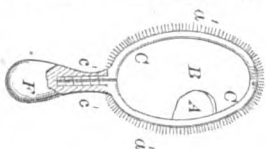
91311—G. W. Dickerson—Water Elevator.



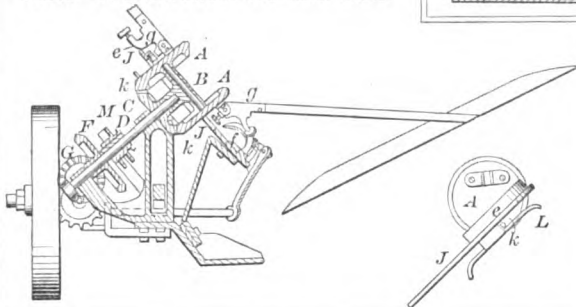
**91312**—J. Dickinson—*For Holding Diamonds for Dressing Stone.*



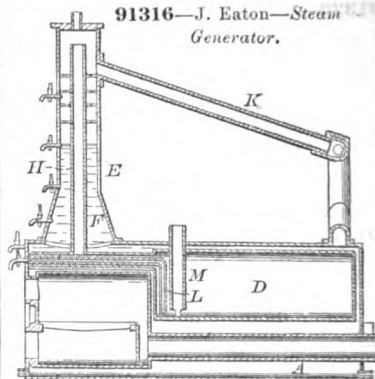
**91314**—W. U. Dudley—*Brush Back.*



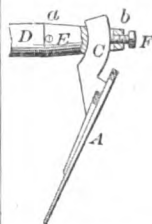
**91315**—J. C. Durborow—*Harvester Rake.*



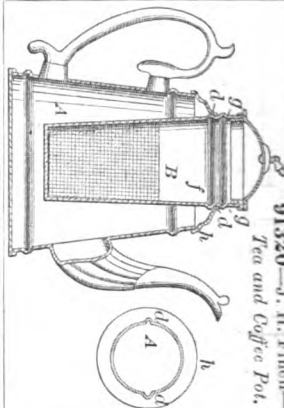
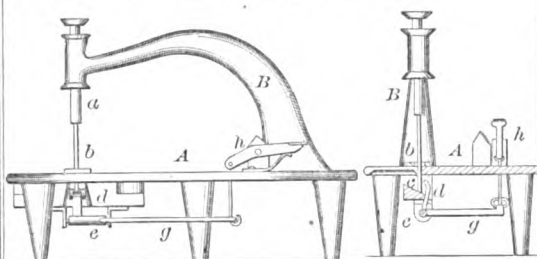
**91316**—J. Eaton—*Steam Generator.*



**91317**—Ellis & Albertson—*Hoe and Rake.*

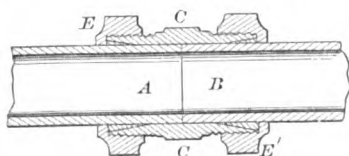


**91318**—M. J. Ferren—*Sewing Machine.*

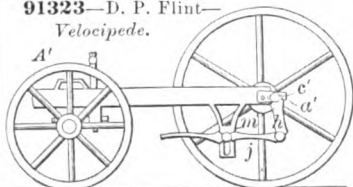


**91320**—J. H. Finch—*Tea and Coffee Pot.*

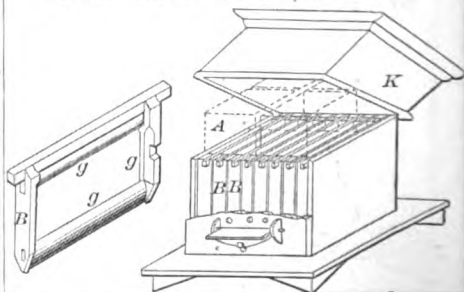
**91319**—J. J. Fifield—*Pipe Coupling.*



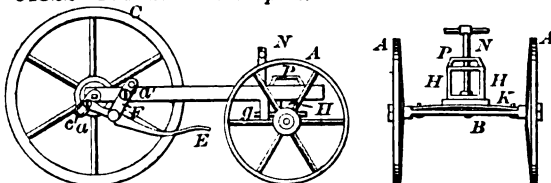
**91323**—D. P. Flint—*Velocipede.*



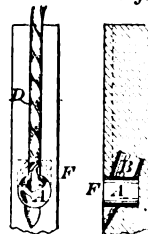
**91321**—J. E. Finley—*Beehive.*



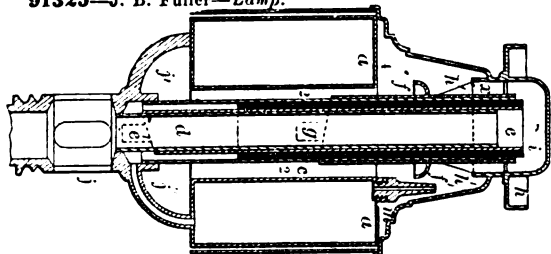
**91322**—D. P. Flint—*Velocipede.*



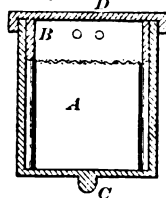
**91326**—J. G. Gabel—*Sash Cord Fastening.*



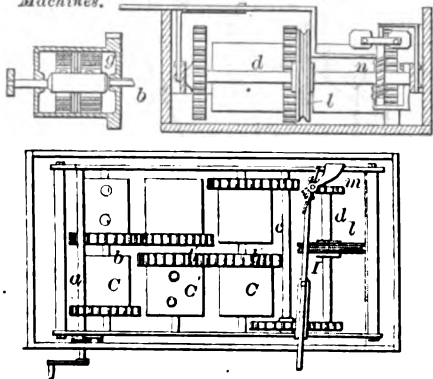
**91325**—J. B. Fuller—*Lamp.*



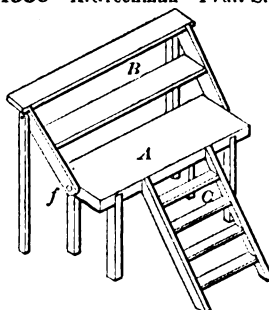
**91329**—B. J. Greely—*Ash Sifter.*



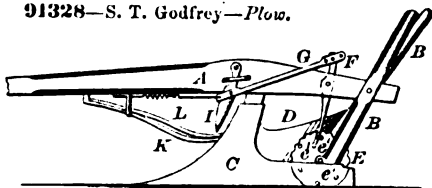
**91327**—Garcin & Adams—*For Driving Sewing Machines.*



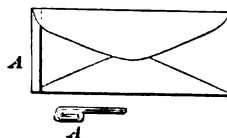
**91330**—A. Greenman—*Fruit Stand.*



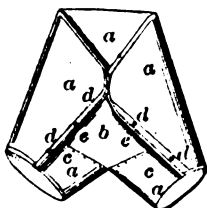
**91328**—S. T. Godfrey—*Plow.*



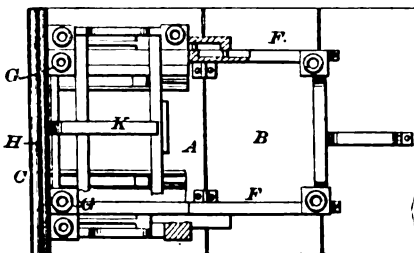
**91331**—G. P. Hachenberg—*Envelope.*



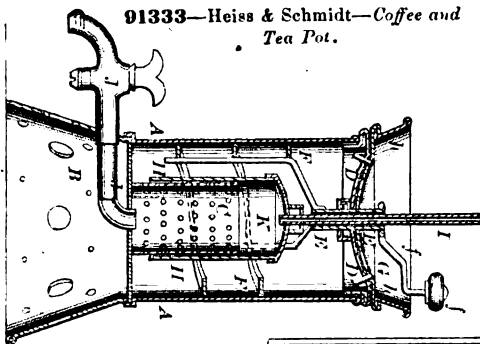
**91334**—J. C. Hempel—*Diaper.*



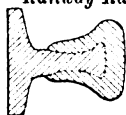
**91332**—F. Hamblin—*Extension Table.*



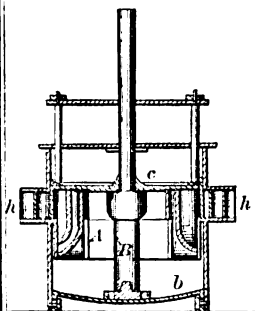
**91333—Heiss & Schmidt—Coffee and Tea Pot.**



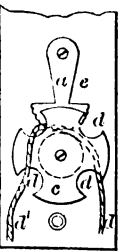
**91339—J. S. Hunter—Railway Rail.**



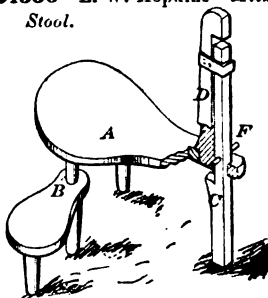
**91338—R. Hunt—Water Wheel.**



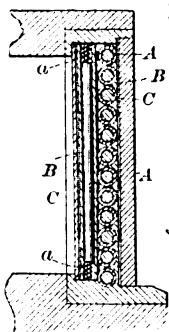
**91340—C. S. Hutchins—Line Holder.**



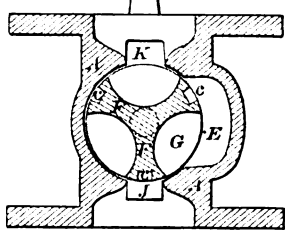
**91336—E. W. Hopkins—Milking Stool.**



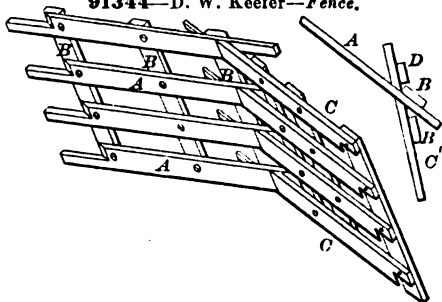
**91342—G. H. Ireland—Sieve.**



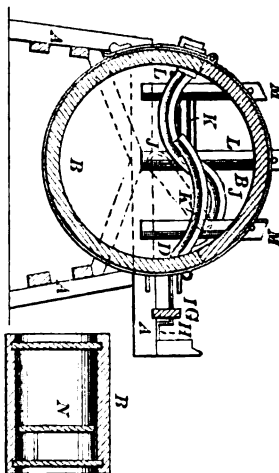
**91337—W. H. Howland—Steam Engine Stop Valve.**



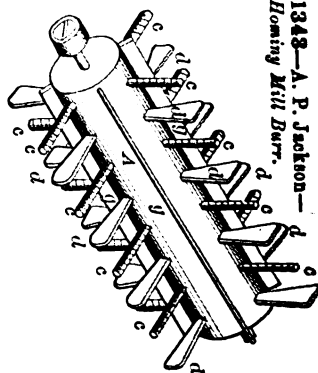
**91344—D. W. Keefer—Fence.**



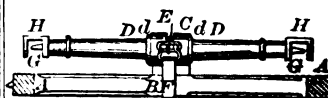
**91335—T. Holmes—Revolving Dough Mixer.**



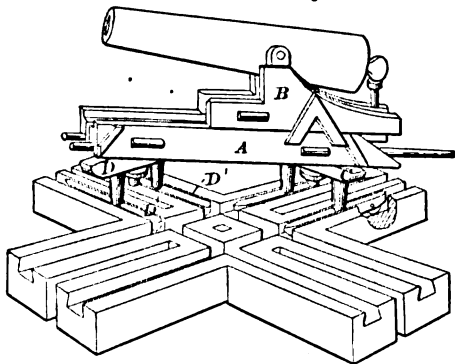
**91343—A. P. Jackson—Homing Mill Bar.**



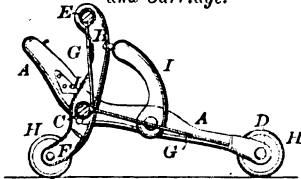
**91346—S. Kepner—For Detaching Horses.**



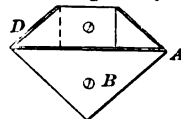
**91345**—J. R. Kelso—*Gun Carriage.*



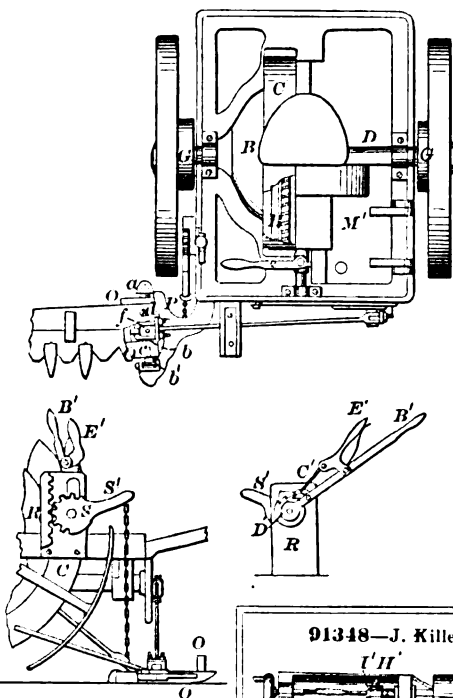
**91350**—J. Lee—*Child's Chair and Carriage.*



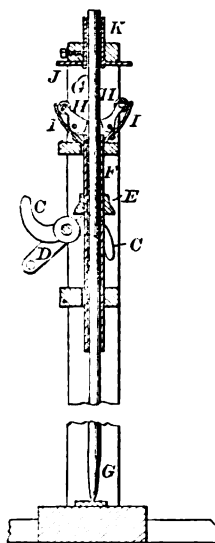
**91351**—J. M. Lemon—*Conveyor For "Flight."*



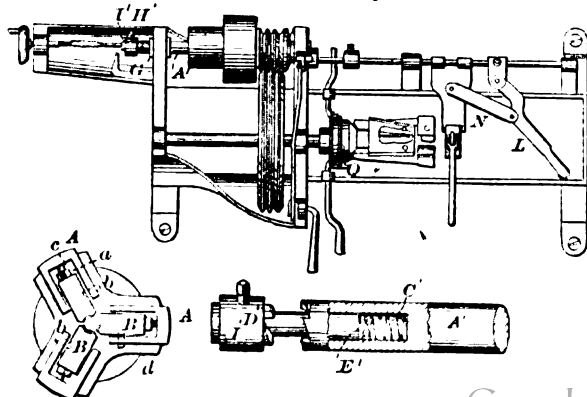
**91347**—J. Kershaw—*Harvester.*



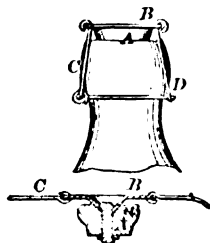
**91352**—S. Lewis—*Rock Drill.*



**91348**—J. Killefer—*For Threading Bolts and Nuts.*

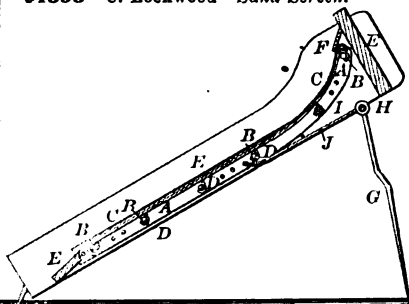


**91349**—F. Kutscher—*Bottle Stopper.*

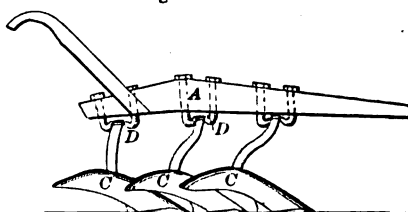




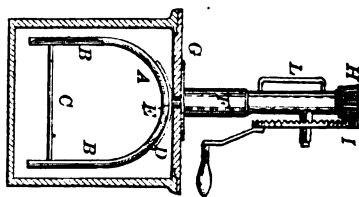
91353—C. Lockwood—Sand Screen.



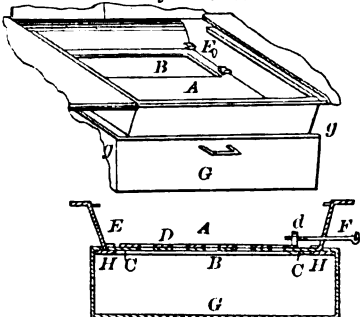
91354—J. Long—Ploie.



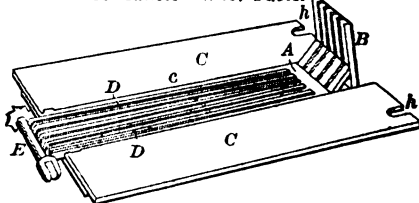
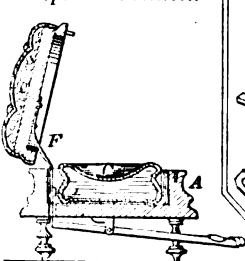
91360—J. L. Nettleton—Churn.



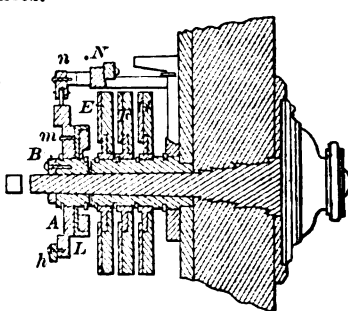
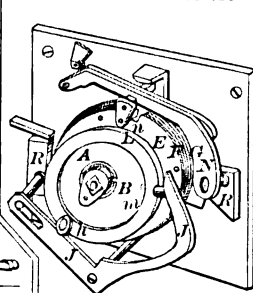
91357—G. Mayer—Stove.



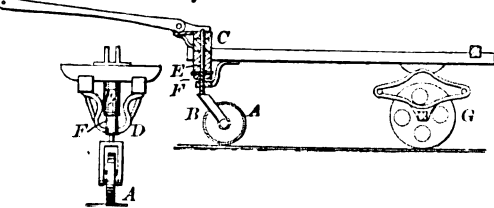
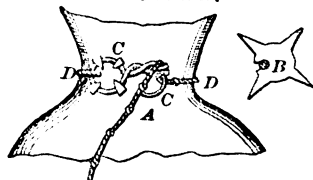
91355—J. Mallett—Wool Table.

91356—C. Marcher—  
Spittoon Footstool.

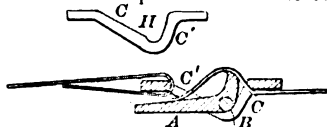
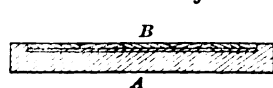
91359—J. H. Morse—Lock.



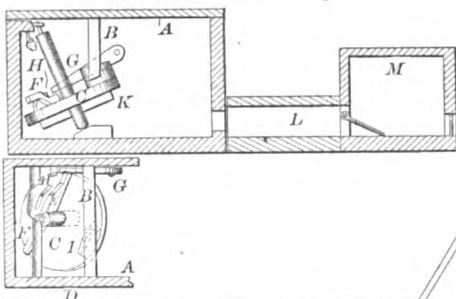
91358—J. M. Mayer—Brick Truck.

91362—S. P. Parmly—Bag  
Fastener.

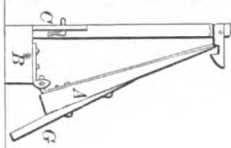
91361—T. Campbell—Cotton Bale Tie.

91364—S. H. Pearce—Mosaic  
Floor Covering.

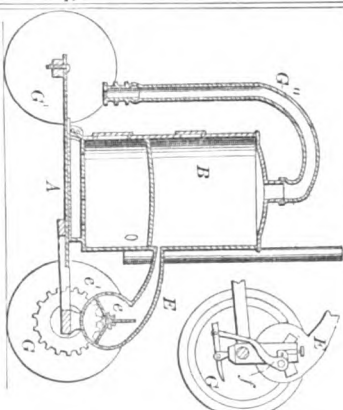
91363—H. Pattison—*Animal Trap.*



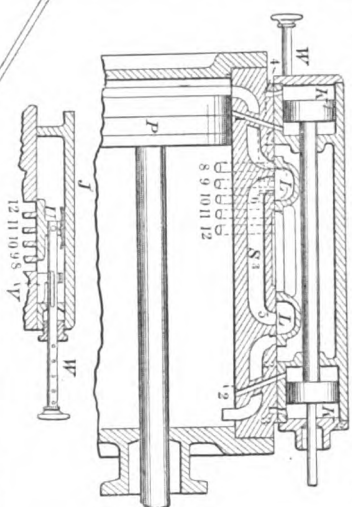
91366—L. M. Platt—*Car Duster.*



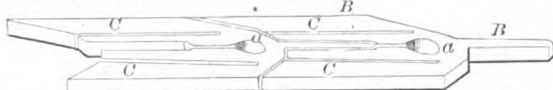
91365—M. Perl—*For Destroying Worms on Cotton Plants.*



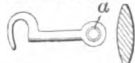
91368—F. Koehow—*Steam Engine Valve and Opening.*



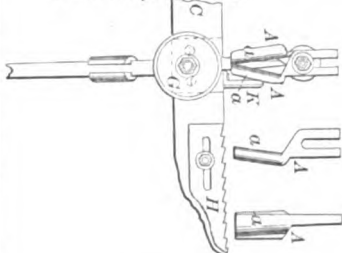
91367—J. C. Richardson—*Fork Blank.*



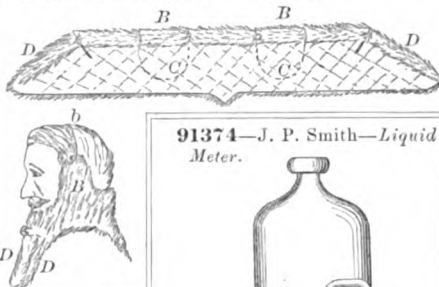
91369—J. B. Sargent—*Cabinet Hook.*



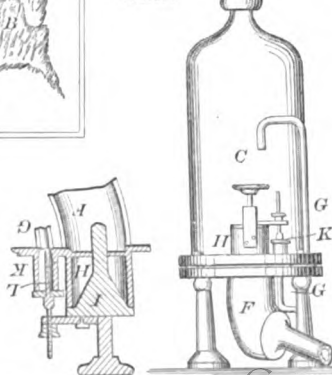
91370—J. A. Sevey—*For Rounding Whalebone for Corsets.*



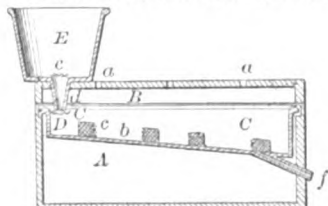
91371—R. M. Seldis—*Fur Collar.*

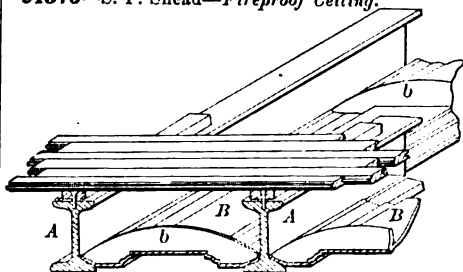
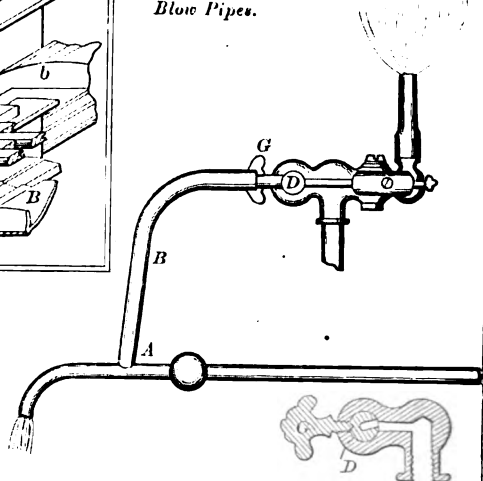
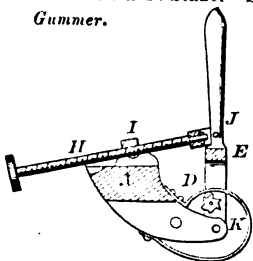
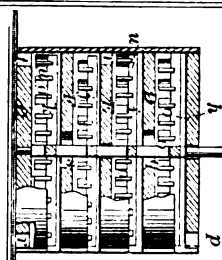
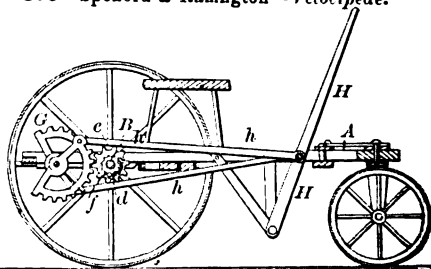
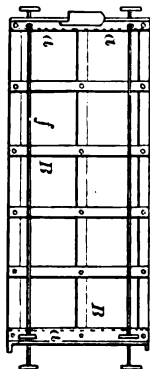
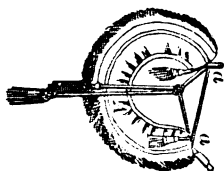
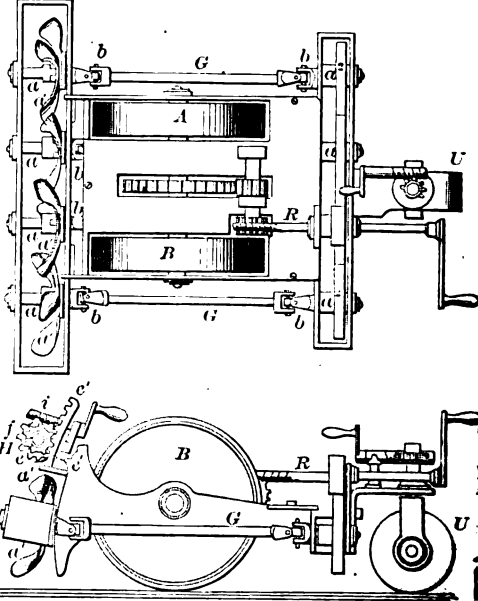


91374—J. P. Smith—*Liquid Meter.*

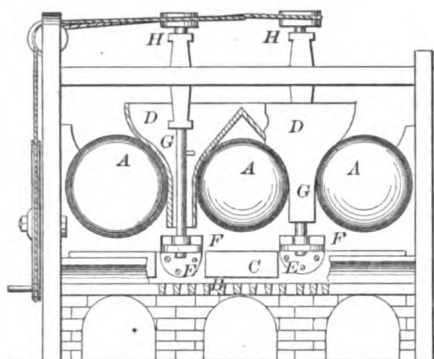


91372—J. C. Sherwood—*Milk Cooler.*

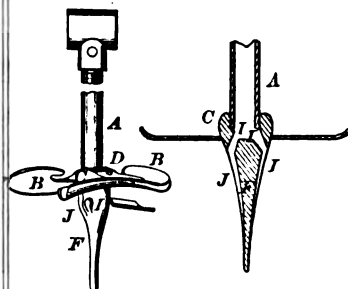


**91375**—S. P. Sneed—*Fireproof Ceiling.***91376**—J. H. Snow—*Gas Regulator for Blue Pipes.***91380**—A. & P. Stauffer—*Saw Gummer.***91379**—Spofford & Raffington—*Velocipede.***91381**—A. & P. Stauffer—*Flour Cooler.***91382**—Stern & Seldis—*Muff.***91383**—L. Stewart—*Steam Plow.*

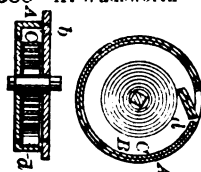
91384—S. Sykes—Sawdust Feeder for Furnaces.



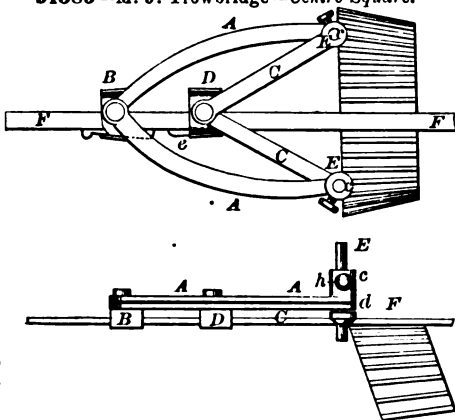
91387—A. Vaughan—Post Auger.



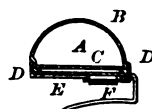
91388—A. Wadsworth—Watch.



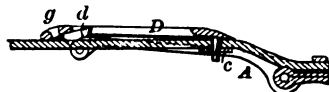
91385—M. J. Trowbridge—Centre Square.



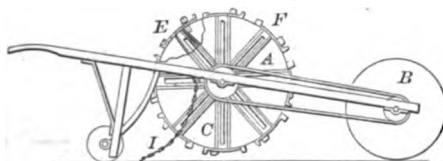
91389—J. H. Weedon—Head Rest for Pews.



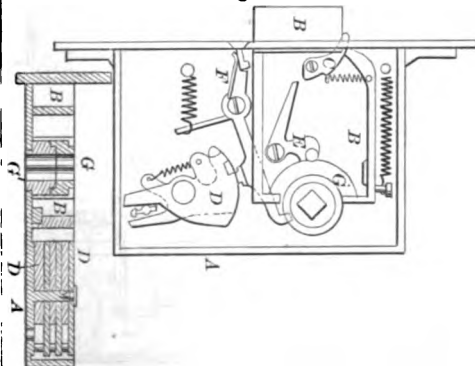
91390—J. Welker—Trace Buckle.



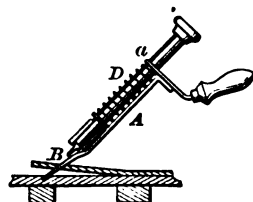
91386—R. B. Tunstall—Seeder.

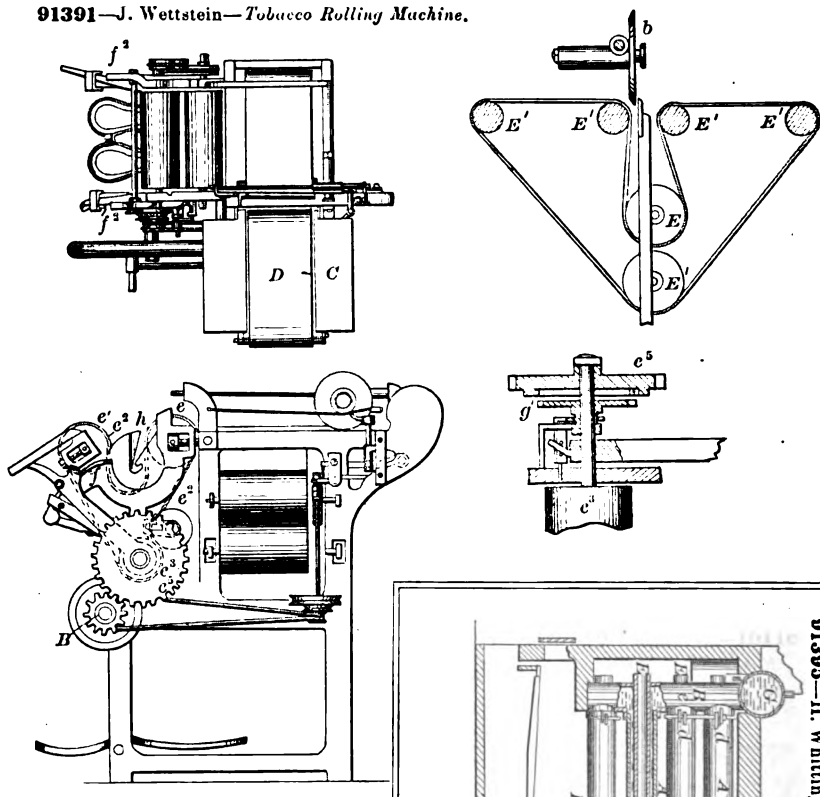
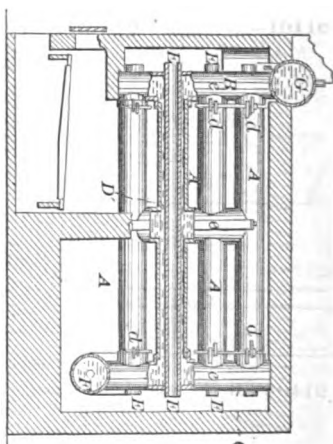
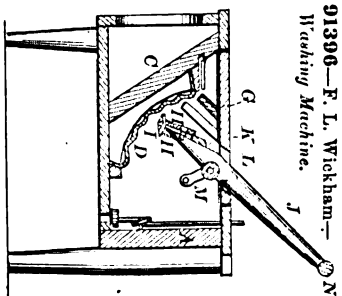
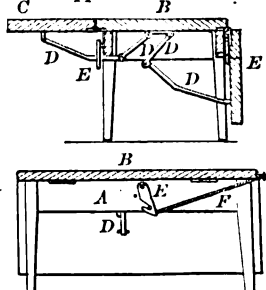
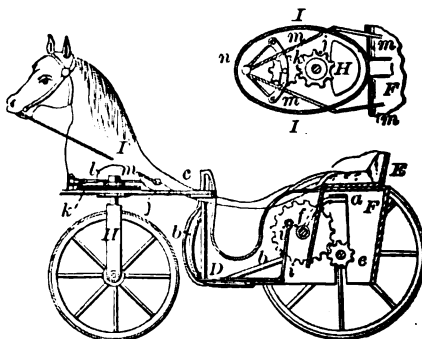


91394—A. F. Whiting—Knob Latch.

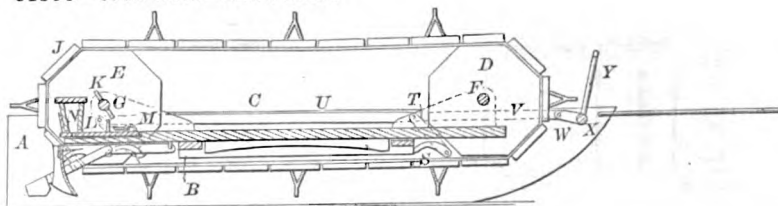


91392—E. S. Wheeler—Carpet Stretcher and Nailer.

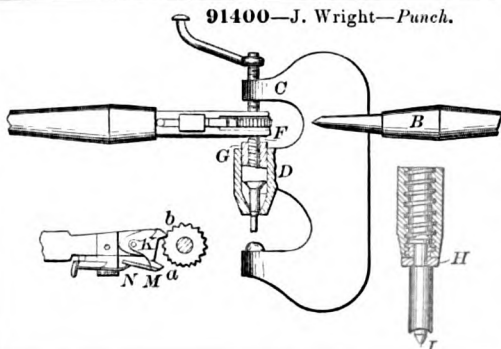


**91391**—J. Wettstein—*Tobacco Rolling Machine.***91395**—H. Whittingham—*Steam Generator.***91396**—F. L. Wickham—*Washing Machine.***91397**—C. P. Wing—*Table Leaf Support.***91398**—J. C. Wirtz—*Velocipede.*

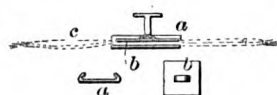
91399—G. H. Wood—*Corn Planter.*



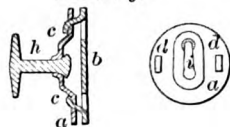
91400—J. Wright—*Punch.*



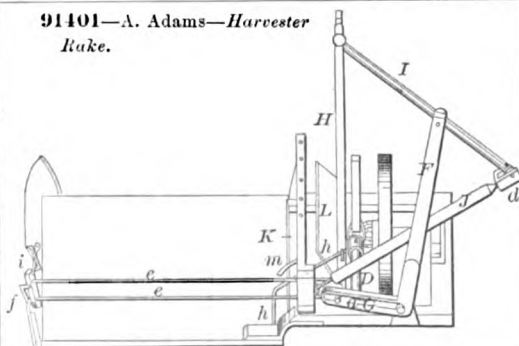
91405—J. Bachelder—*Necktie.*



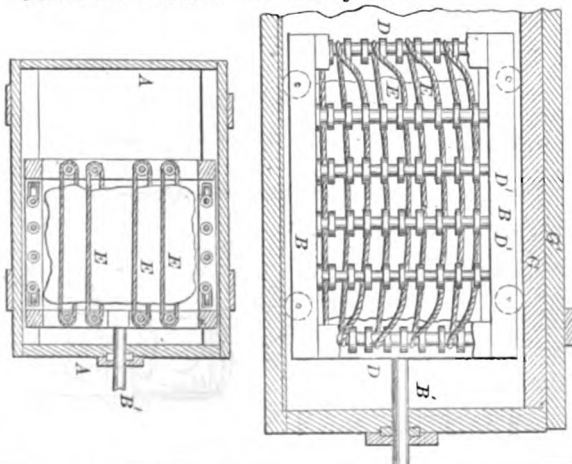
91406—J. Bachelder—*Necktie Fastening.*



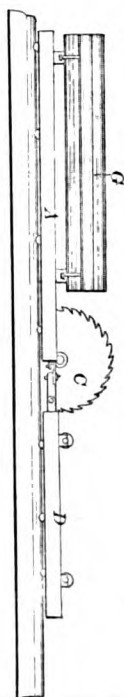
91401—A. Adams—*Harvester Rake.*

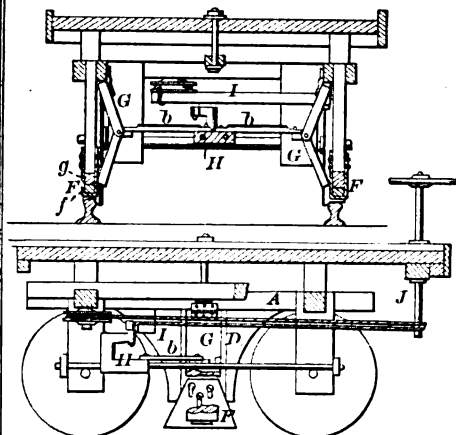
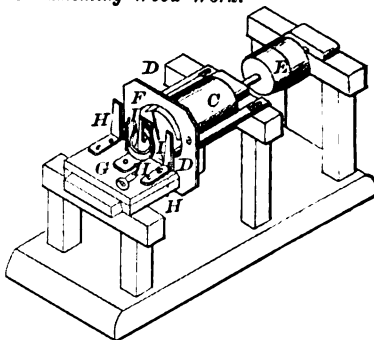
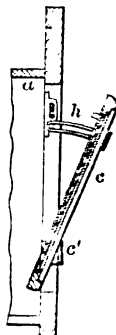
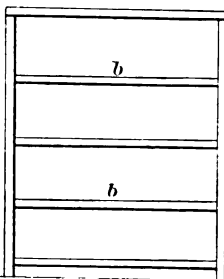
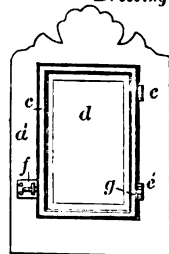
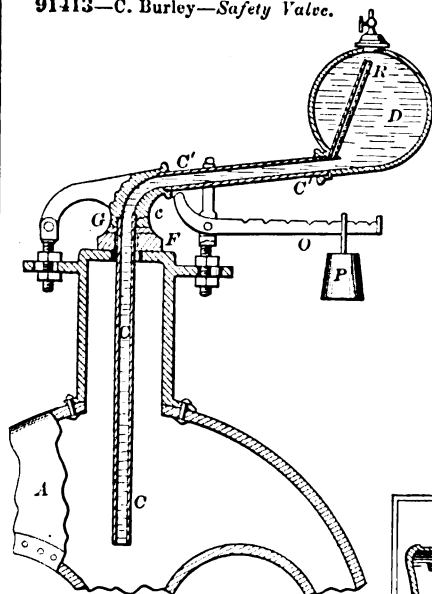
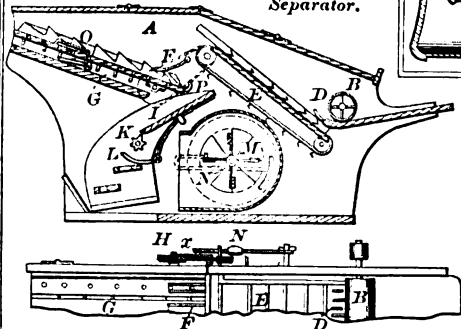
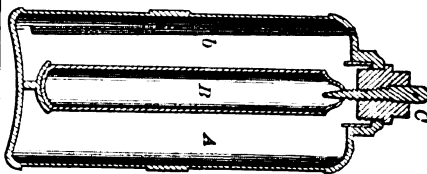
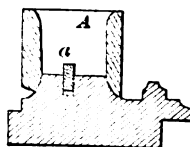


91402—H. W. Adams—*For Tanning Hides.*

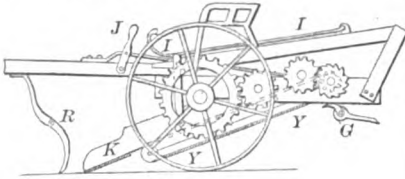


91403—J. H. Adams—*Circular Saw Mill.*

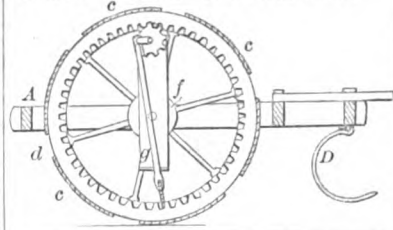


91404—A. M. Allen—*Car Brake.*91410—M. T. Boulton—*For Curving and Ornamenting Wood Work.*91409—W. E. Beames—*Cabinet for Dressing Bureaus.*91413—C. Burley—*Safety Valve.*91412—A. & H. K. Burkholder—*Grain Separator.*91411—J. F. Boynton—*Fire Extinguisher.*91414—Campbell & Miller—*Glueing Hopper.*

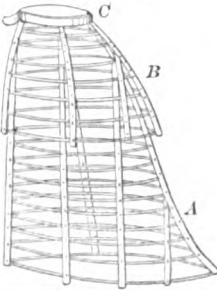
91415—H. Carrier—Potato Digger.



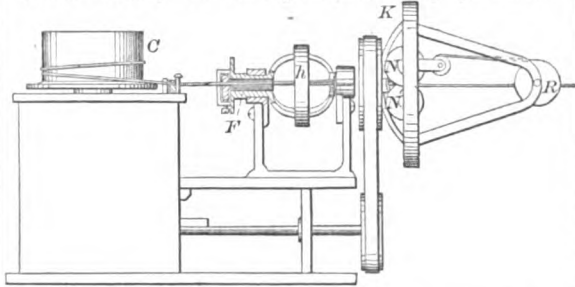
91420—M. Clark—Corn Stalk Cutter.



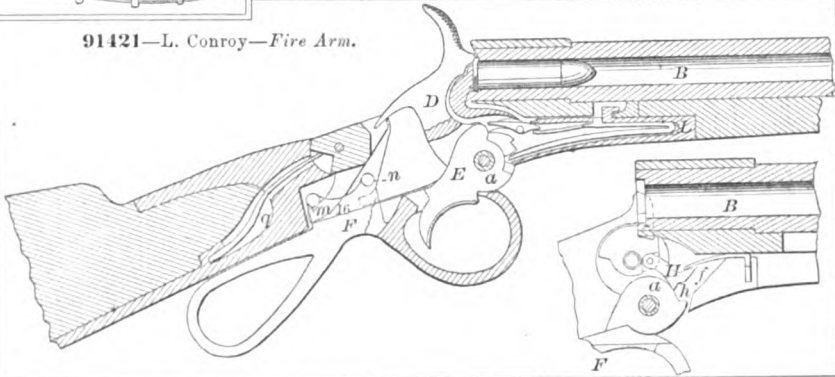
91418—J. F. Chase—  
Hoop Skirt.



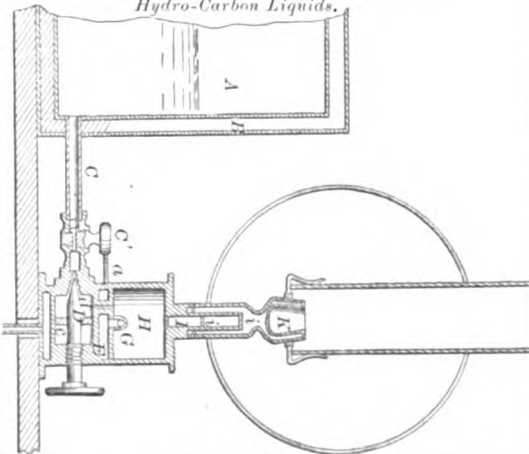
91417—A. Cary—For Making Compound Telegraph Wire.



91421—L. Conroy—Fire Arm.



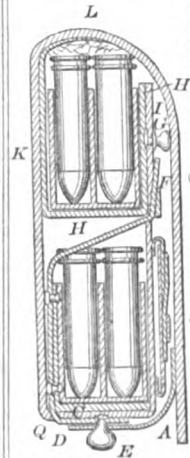
91423—E. H. Covel—For Making Light from  
Hydro-Carbon Liquids.



91416—A. Cary—Telegraph Wire.

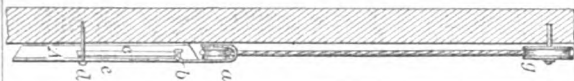


91419—F. Chillingworth—Cartridge Box.

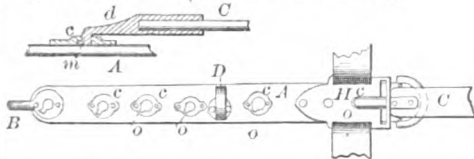




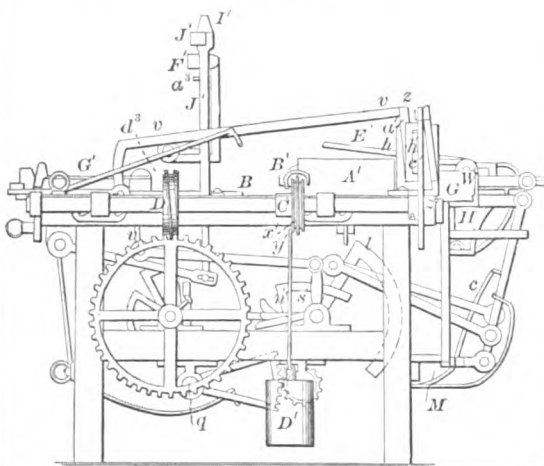
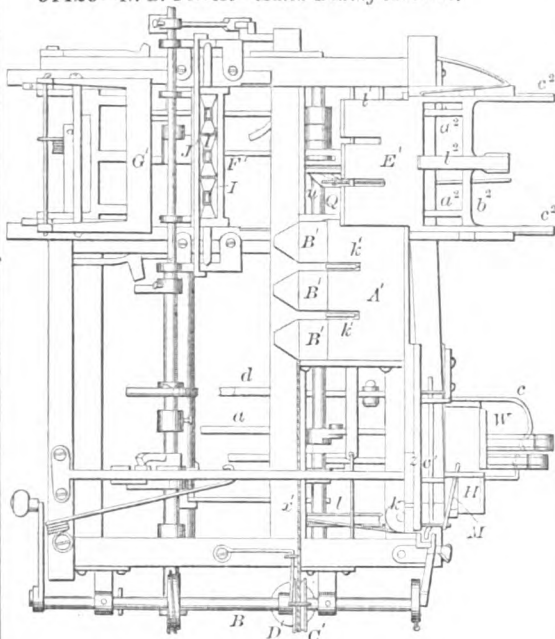
91422—H. T. Cooper—Curtain Fixture.



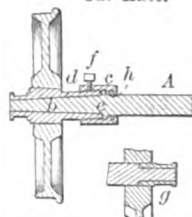
91425—J. S. H. Dickinson—Harness Tug.



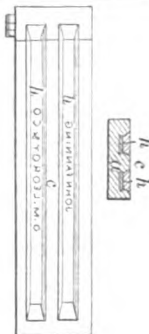
91429—N. B. Forrest—Match Boxing Machine.



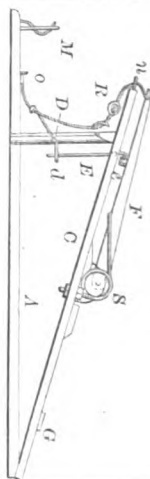
91424—D. M. Cummings—Car Axle.



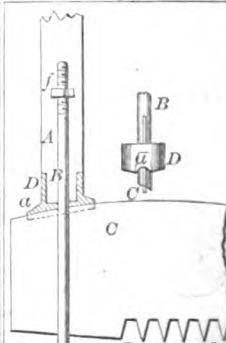
91426—J. Fanning—Mould for Casting Solder.



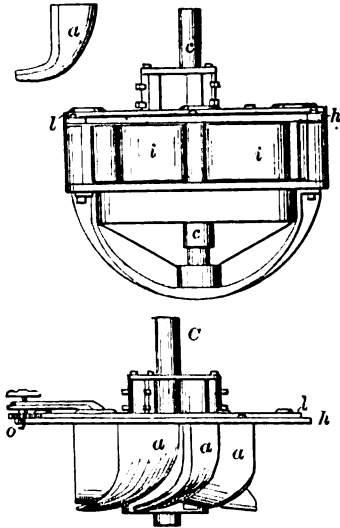
91427—A. C. Flanders—Animal Trap.



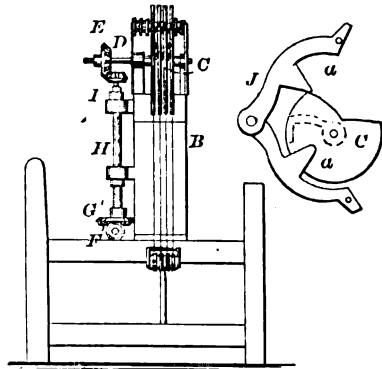
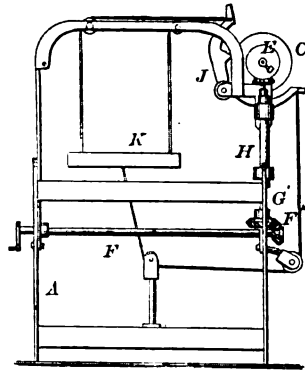
91428—J. Flint—Saw Handle.



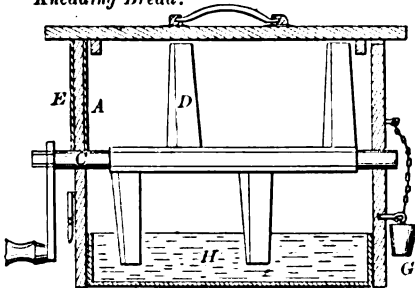
**91430**—T. M. Fuller—*Water Wheel.*



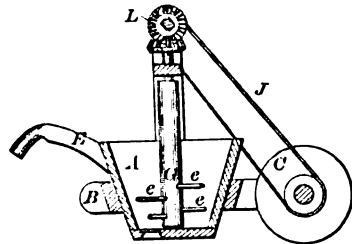
**91431**—J. F. Gebhart—*Loom.*



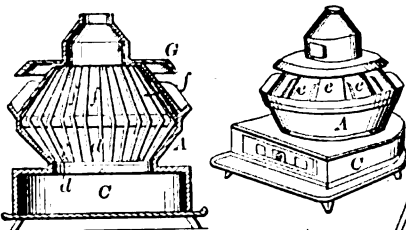
**91432**—A. G. Good—*For Raising and Kneading Bread.*



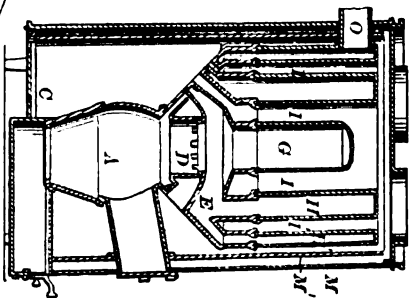
**91434**—J. D. Coxwell—*Guano Distributor.*



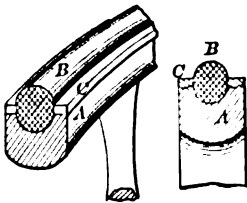
**91433**—C. H. Goss—*Laundry Heater.*



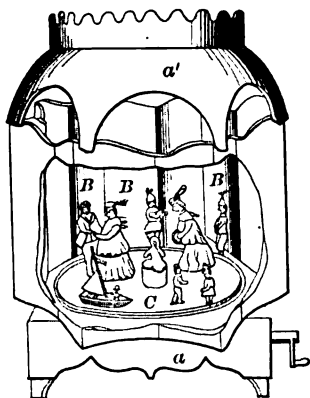
**91436**—D. Gusweiler—*Hot Air Furnace.*



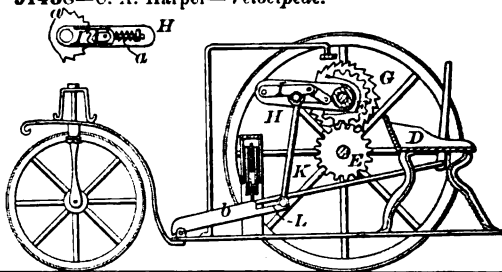
**91435**—J. A. Green—*Attaching Rubber Tires to Wheels.*



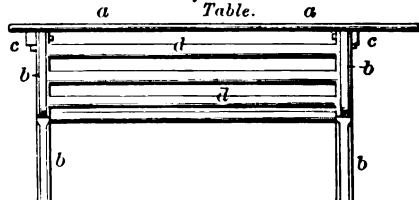
91437—C. C. Hall—*Miniature Rink.*



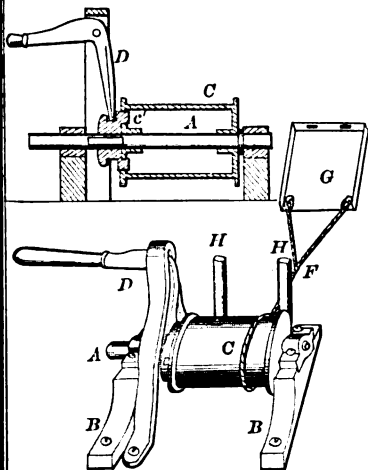
91438—C. A. Harper—*Velocipede.*



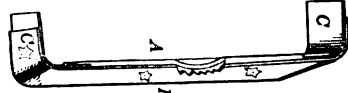
91439—L. M. Harvey—*Skirt Board and Ironing Table.*



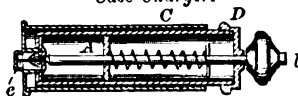
91440—T. D. Hawley—*For Shoveling Grain.*



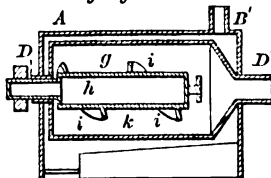
91441—C. W. Hill—*Curtain Cornice.*



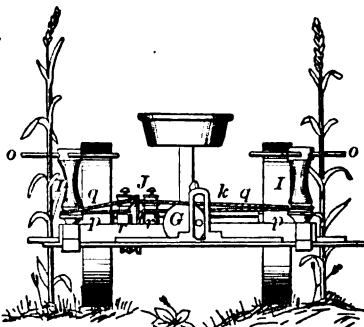
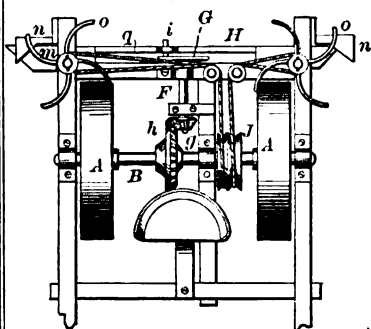
91442—A. C. Hobbs—*Cartridge Case Charger.*



91448—J. J. Johnston—*For Distilling Hydro-Carbon Oils.*



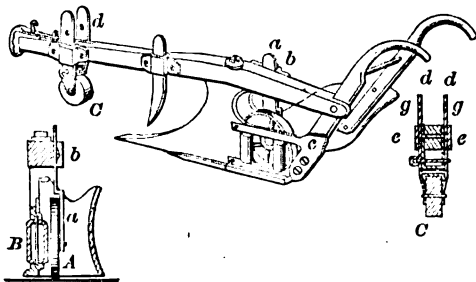
91444—W. B. Hubbard—*Corn Harvester.*



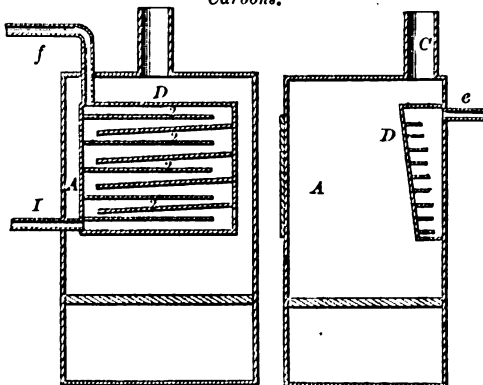
91443—J. Horton—*Gas Fixture.*



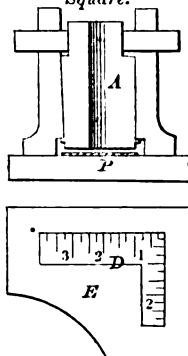
91445—L. Hunt—Plow.



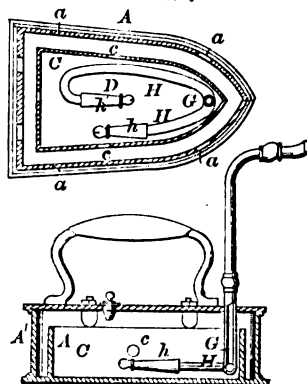
91447—J. J. Johnston—For Distilling Hydro-Carbons.



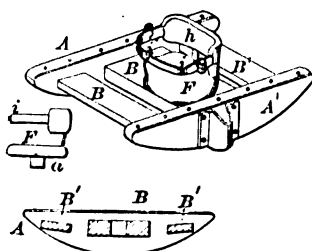
91449—H. K. Jones—Carpenters' Square.



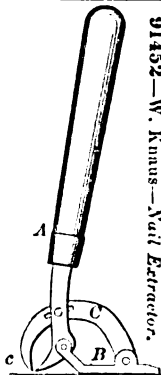
91450—A. J. Kennedy—Sad Iron Heater.



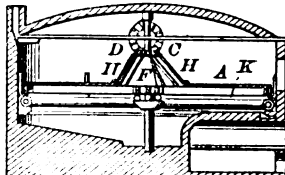
91453—G. Kuell—Rocker, Sled and Swing.



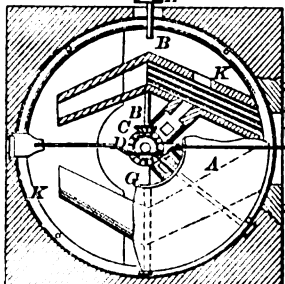
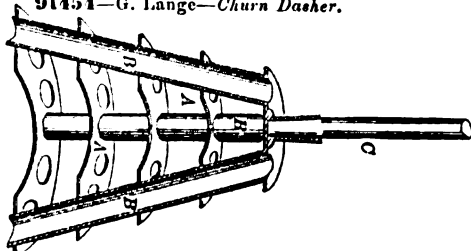
91452—W. Knus—Nail Extractor.



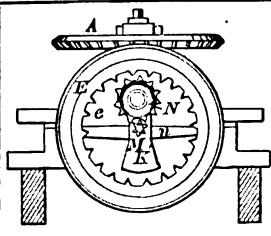
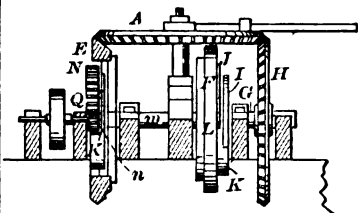
91451—D. A. Kennedy—Oven.



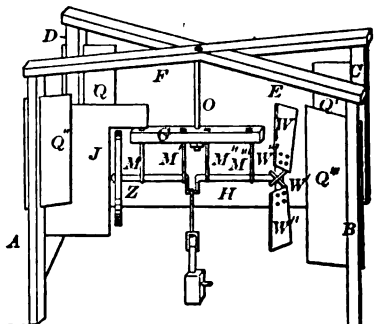
91454—G. Lange—Churn Dasher.



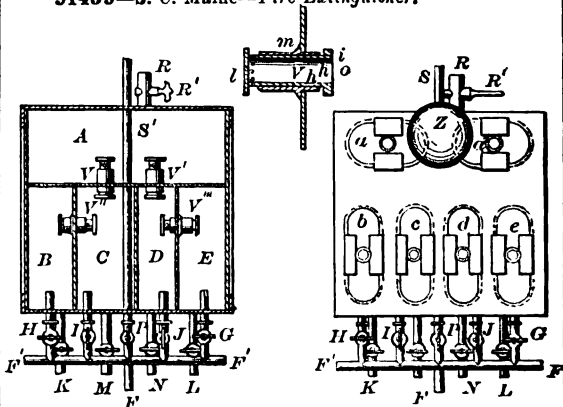
91456—W. Lauver—Horse Power.



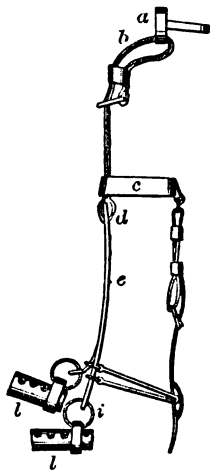
91457—T. S. Lines—Wind Wheel.



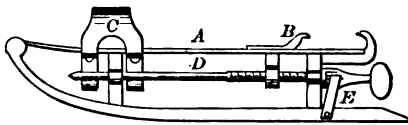
91459—S. C. Maine—Fire Extinguisher.



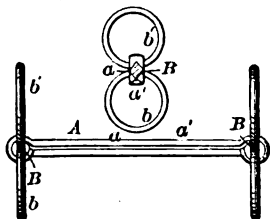
91462—A. P. Mason—Horse Feller.



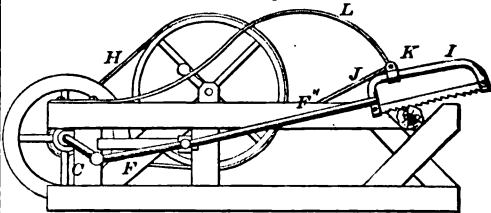
91460—M. W. Marshall—Skate.



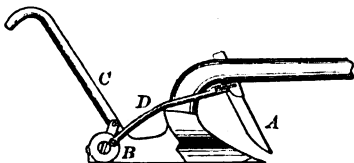
91463—A. P. Mason—Bridle Bit.



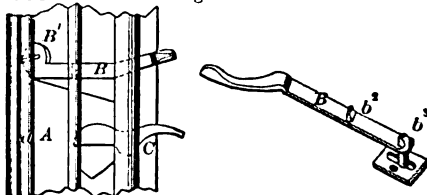
91461—W. Martin—Sawing Machine.



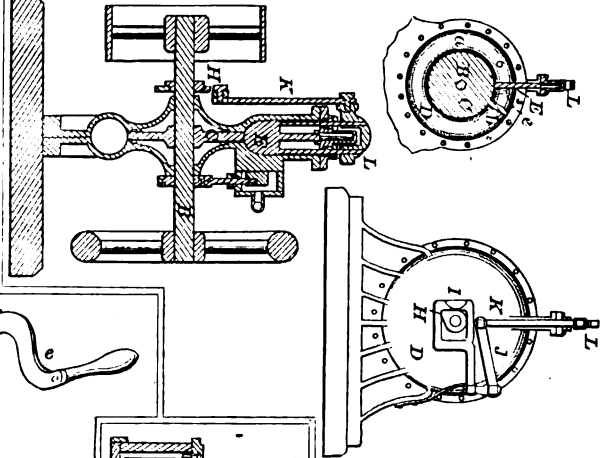
91464—A. B. Mattoon—Coulter Cleaner.



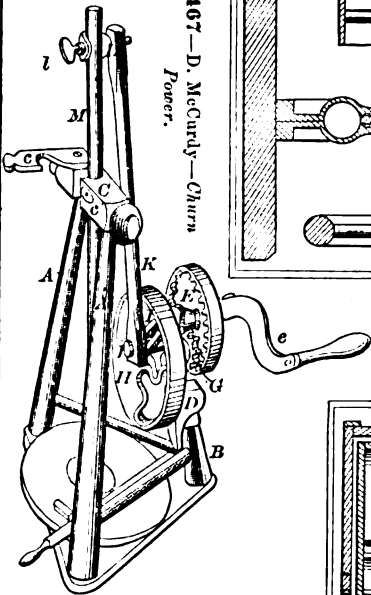
91465—W. W. Maughlin—Sash Fastener.



91468—T. McEwen—*Steam Engine.*



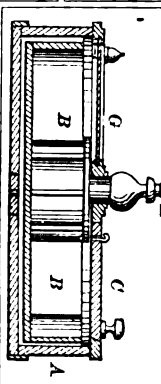
91467—D. McCurdy—*Churn Power.*



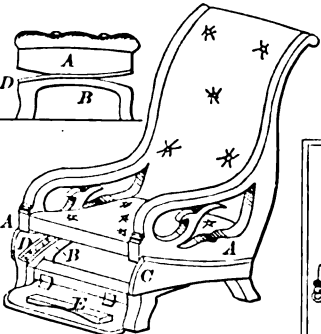
91473—F. Mills—*Postal Currency Envelope.*



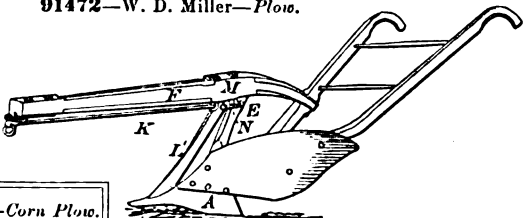
91470—O. H. Melendy—*Shoe Case.*



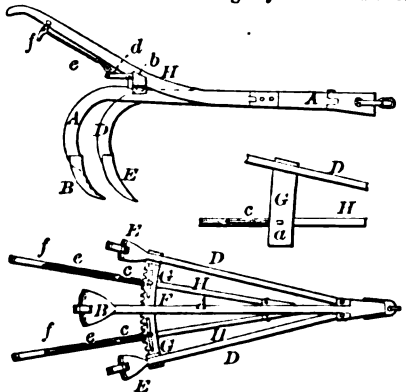
91469—A. K. McMurray—*Chair.*



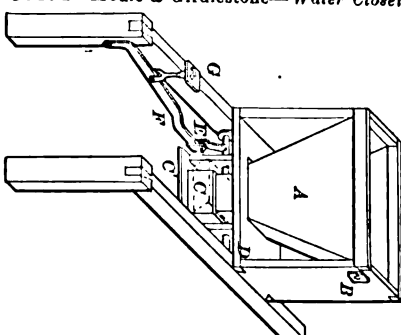
91472—W. D. Miller—*Plow.*



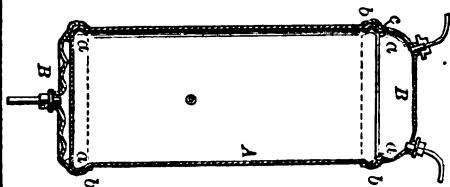
91471—Michener & Steigmeyer—*Corn Plow.*



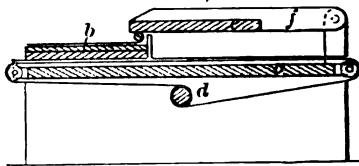
91474—Moule & Girdlestone—*Water Closet.*



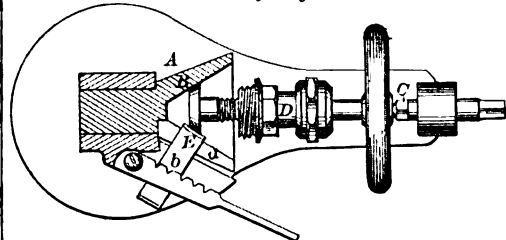
91475—A. Müller—Water Boiler.



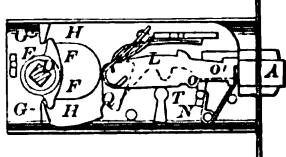
91476—Murphy &amp; Hook—For Making Rubber Hose, &amp;c.



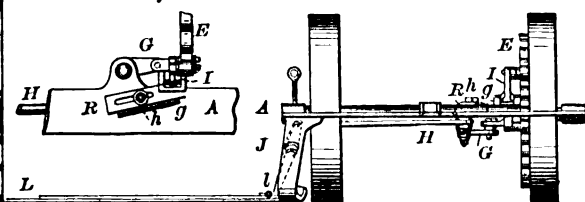
91478—I. Nutt—For Refitting Conical Valves.



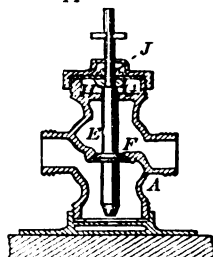
91479—A. Ochsner—Latch and Lock.



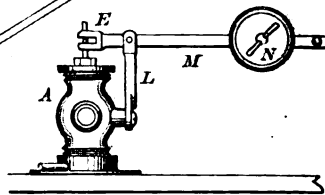
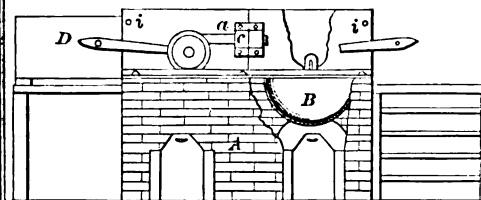
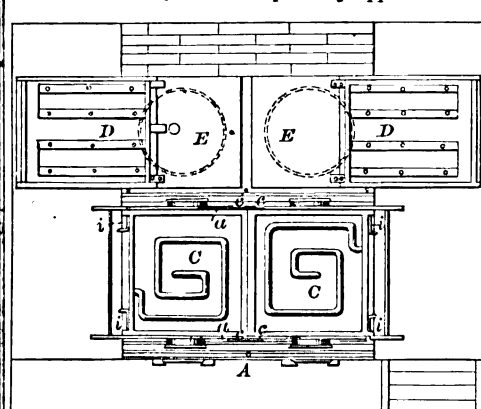
91482—G. Pye—Harvester.



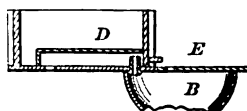
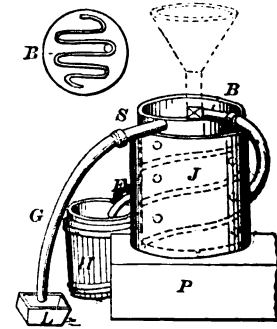
91483—P. Regitz—Hopper Cock.



91485—D. Reynolds—Evaporating Apparatus.

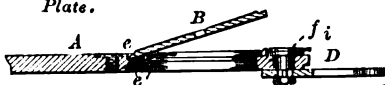


91481—M. F. Potter—Milk Cooler.

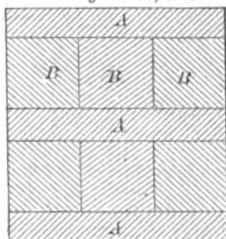


**91484**—G. Rehfuß—*Sewing Machine Work*

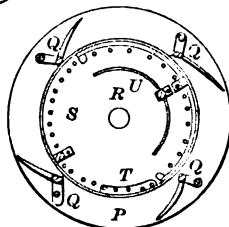
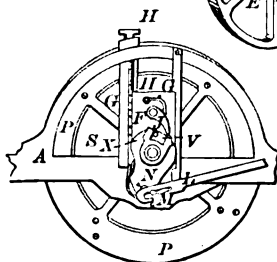
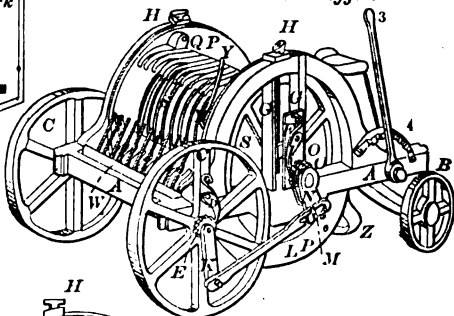
*Plate.*



**91486**—P. Roberts—*Constructing Piles for Forming Axles, &c.*

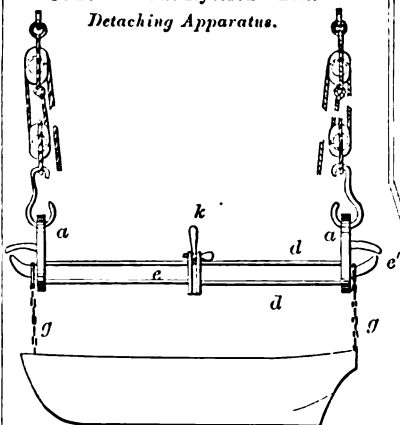


**91487**—J. Roberts—*Potato Digger.*

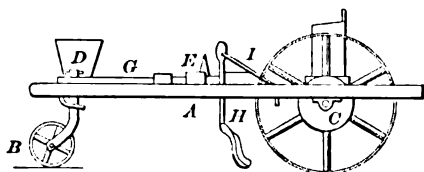
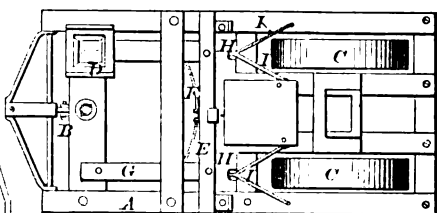


**91488**—W. S. Ryerson—*Boat*

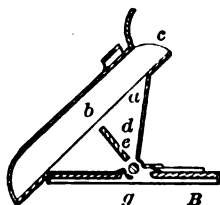
*Detaching Apparatus.*



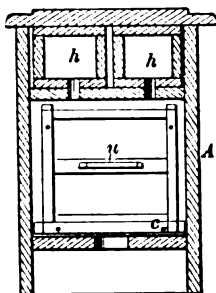
**91489**—H. C. Shafer—*Corn Planter.*



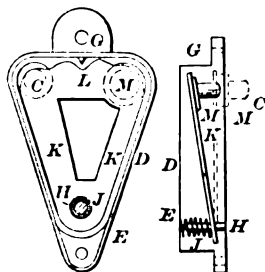
**91491**—De W. Stevens—*Ash Sifter.*



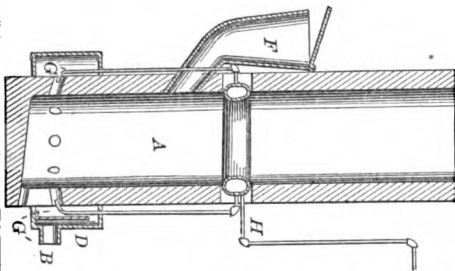
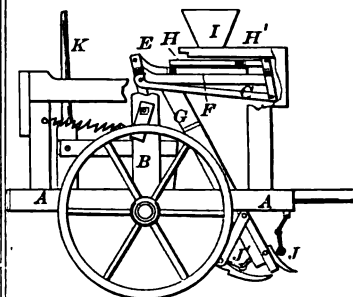
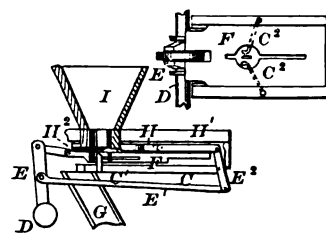
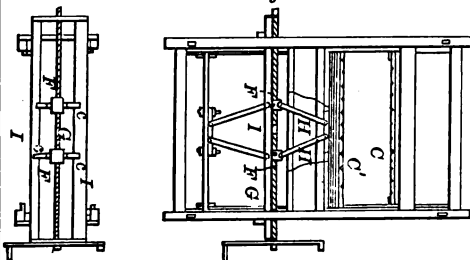
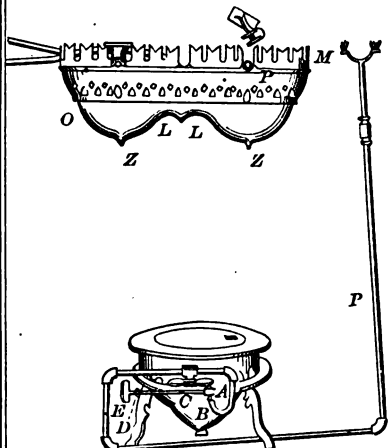
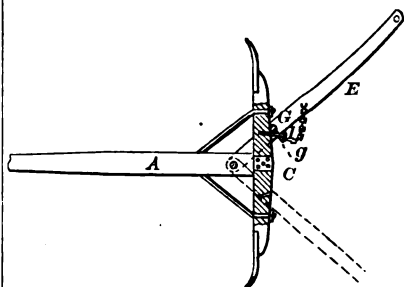
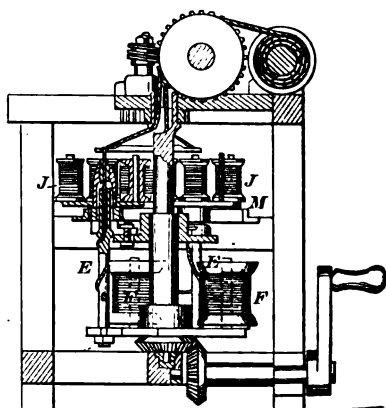
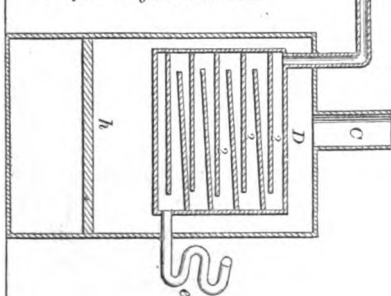
**91492**—S. Stevens—*Beehive.*



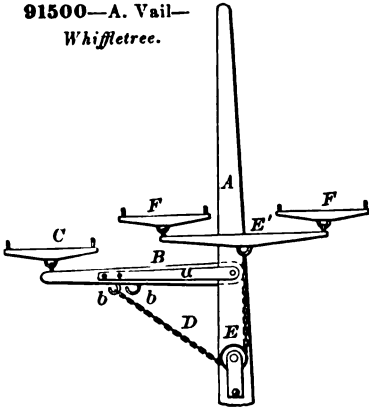
**91490**—C. Sholl—*Sash Holder.*



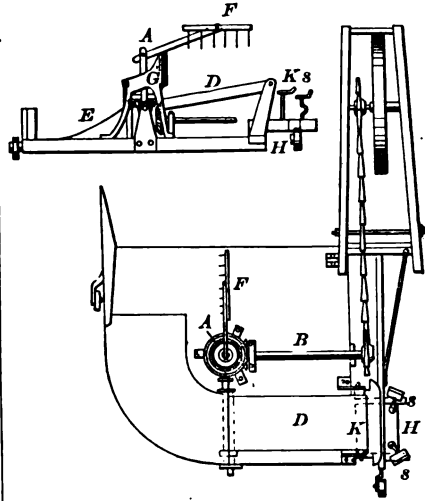


**91493**—C. H. Swain—*Smelting Furnace.***91494**—A. J. Taylor—*Potato and Corn Planter.***91495**—H. H. Tift—*Baling Press.***91496**—L. & W. H. Trowbridge—*Gas Stove.***91497**—S. G. Tufts—*Cultivator.***91498**—J. Turner—*For Making Covered Cord.***91499**—Tyler & Johnston—*For Making Gas from Hydro-Carbons.*

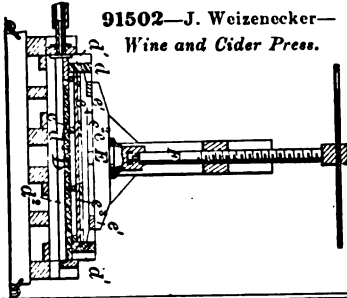
**91500**—A. Vail—*Whiffletree.*



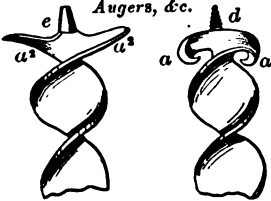
**91501**—Wallis & Huttmann—*Harvester.*



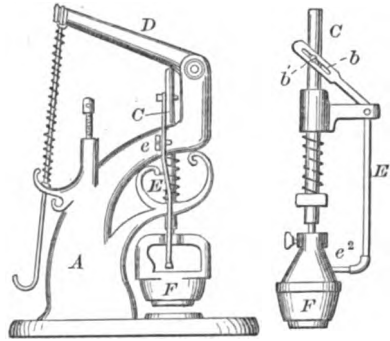
**91502**—J. Weizenecker—*Wine and Cider Press.*



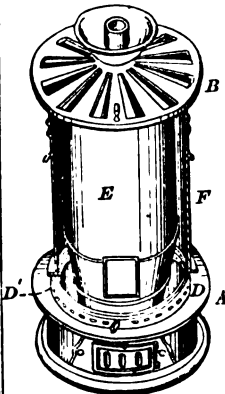
**91503**—C. Whitehouse—*For Making Augers, &c.*



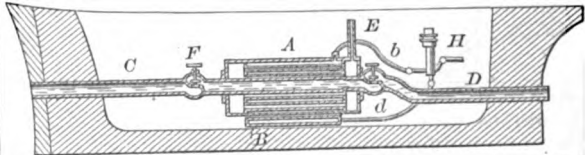
**91508**—J. H. Bean—*Heel Cutter.*



**91509**—C. N. Bennett—*Coal Stove.*



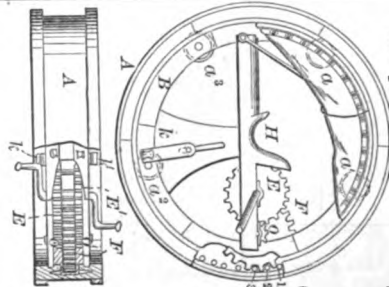
**91506**—B. C. Atkinson—*Steam Condenser.*



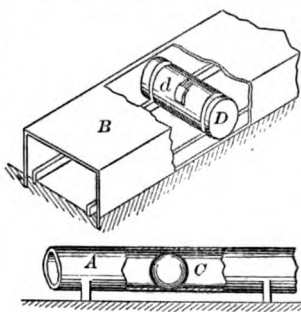
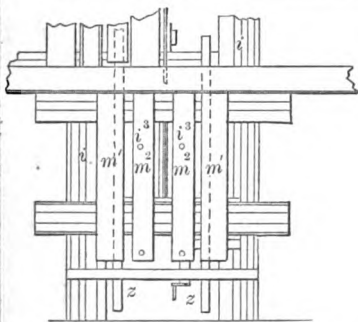
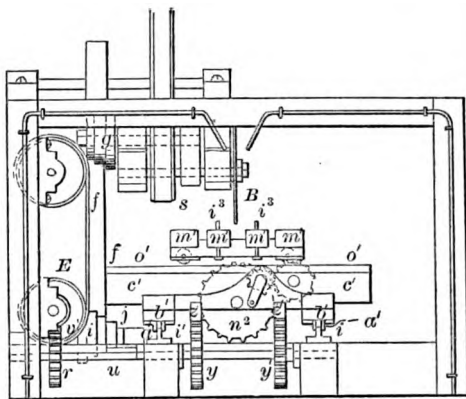
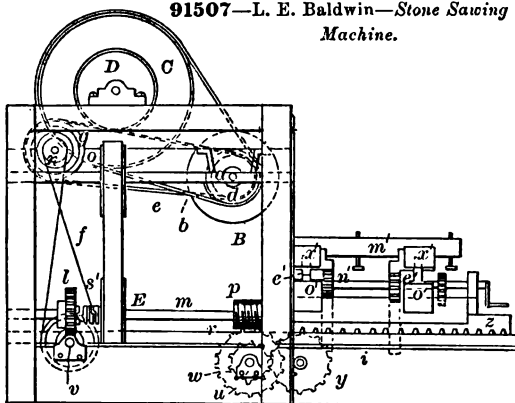
**91505**—J. R. Wood—*Butchers' Steel.*



**91510**—G. Bergner—*Velocipede.*

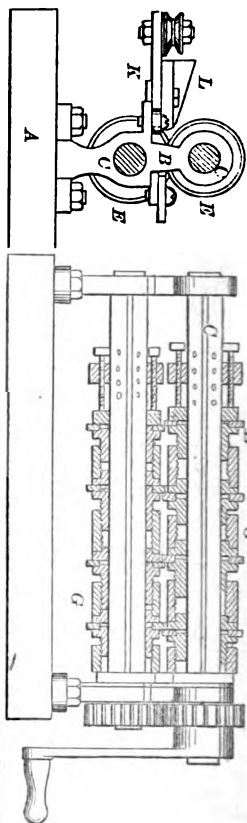


**91507**—L. E. Baldwin—Stone Sawing Machine.

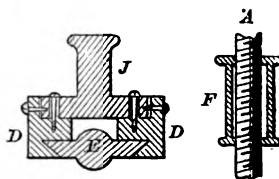
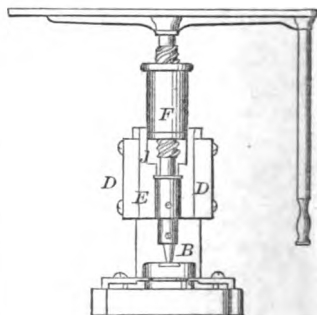


**91513**—A. Brisbane—Pneumatic Tube for Transporting Goods.

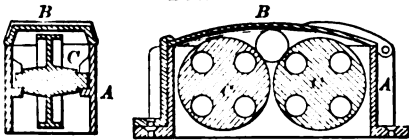
**91512**—R. Briggs—For Shearing Metals.



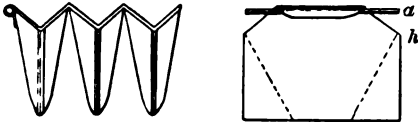
**91511**—Blundell & Williams—Screw Press.



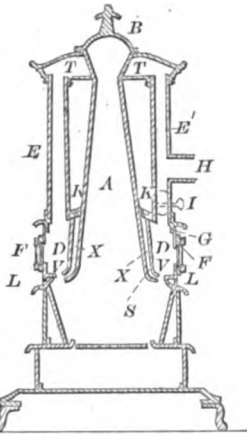
91514—T. W. Brown—Grindstone Journal Box.



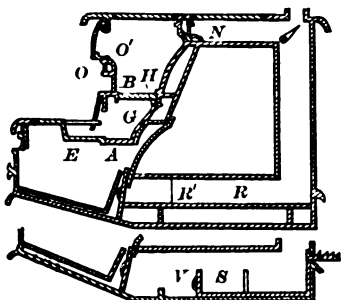
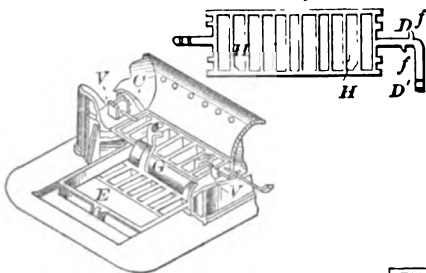
91516—A. H. Bryant—Egg Carrier.



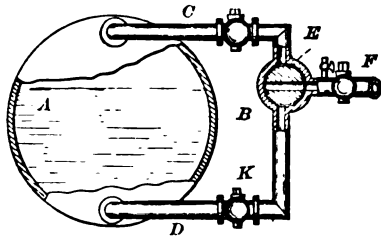
91517—Bush & Richards—Stove.



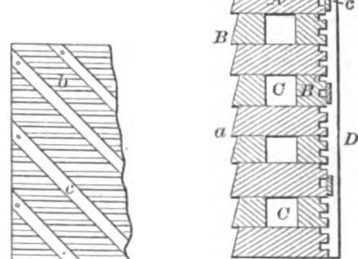
91520—Chamberlain & Crowley—Stove.



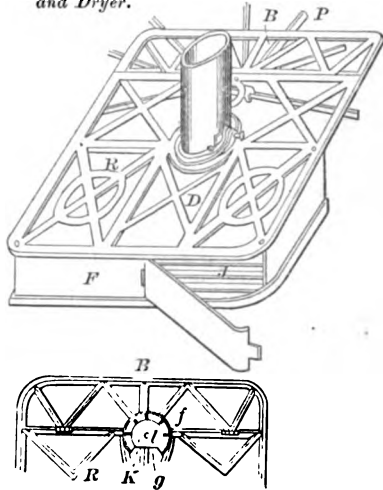
91515—H. J. Brunner—Boiler Feeder.



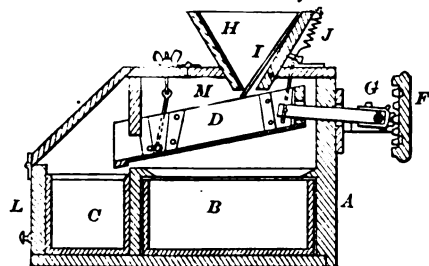
91518—J. Busser—Wooden Wall for Buildings.



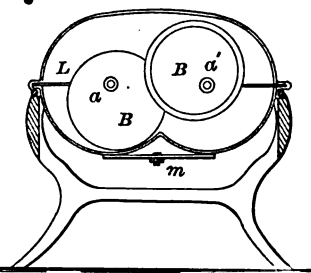
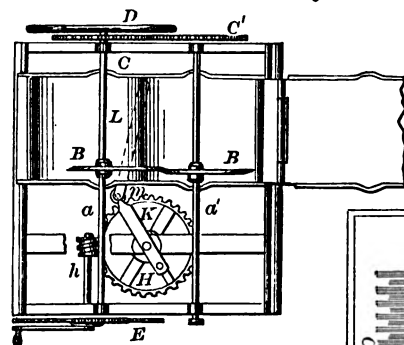
91519—W. E. Canedy—Store Pipe Shelf and Dryer.



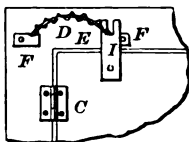
91521—J. Chisholm—Ash Sifter.



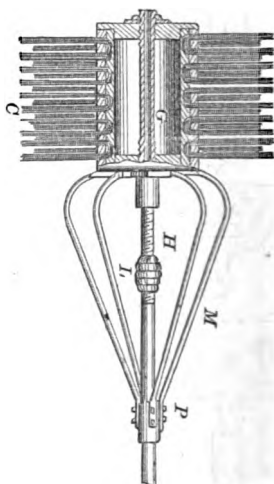
91526—J. G. Divoll—Meat Cutting Machine.



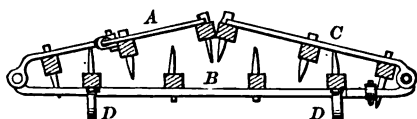
91528—S. Elliott—Door Spring.



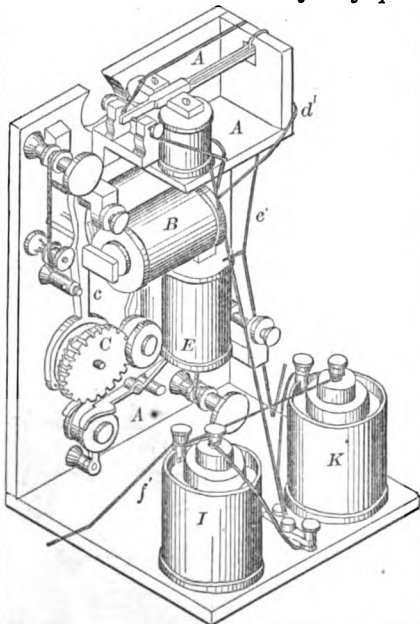
91523—P. H. Coyle—Steam Generator Flue Brush.



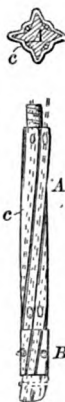
91525—I. Crum—Harrow.



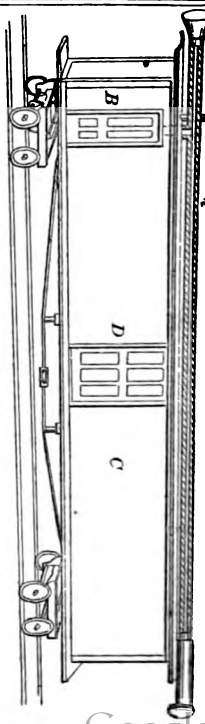
91527—T. A. Edison—Printing Telegraph.



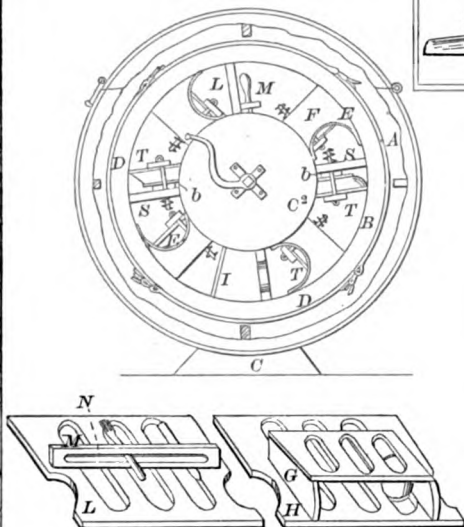
91530—H. W. Farley—Lighting Rod.



91524—A. C. Crary—For Warming Railroad Cars and other Purposes.



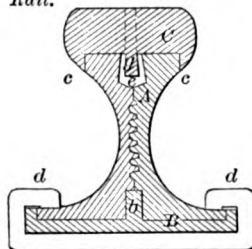
91529—W. H. Emerson—Dish Washer.



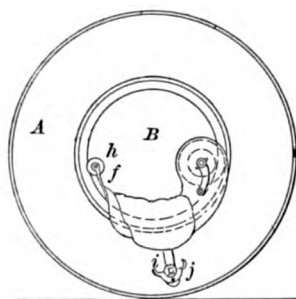
91531—M. Feigel—Mortising Chisel.



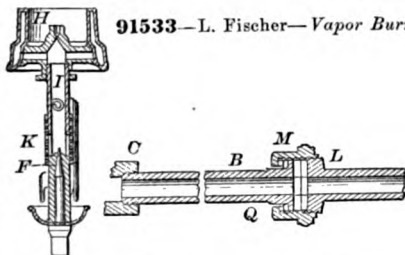
91532—H. J. Ferguson—Railroad Rail.



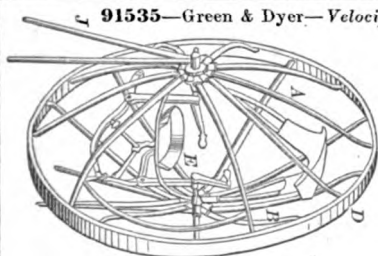
91534—L. B. Flanders—Velocipede.



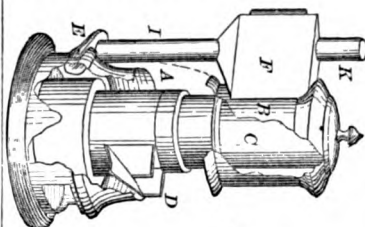
91533—L. Fischer—Vapor Burner.



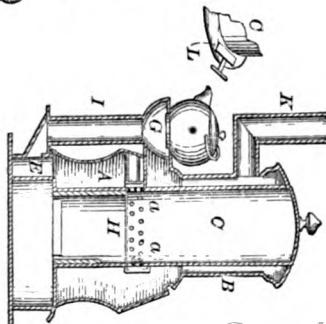
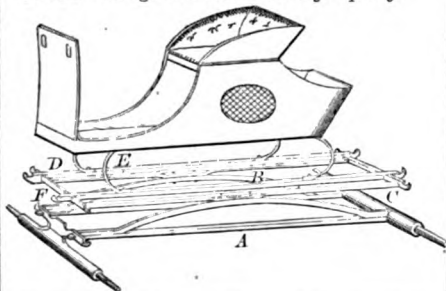
91535—Green & Dyer—Velocipede.



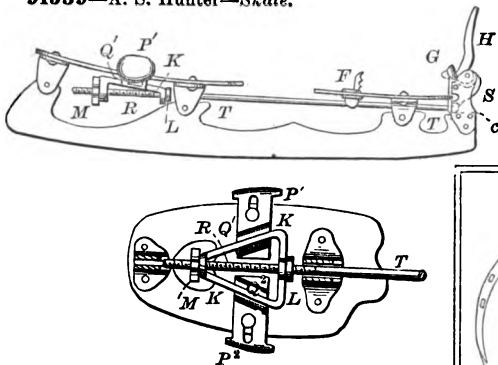
91536—J. C. Henderson—Stove.



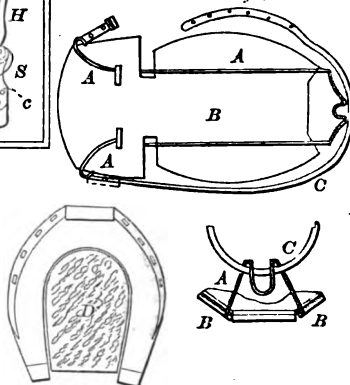
91538—Hodge & Mann—Carriage Spring.



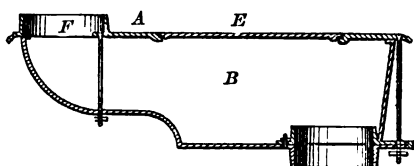
91539—A. S. Hunter—Skate.



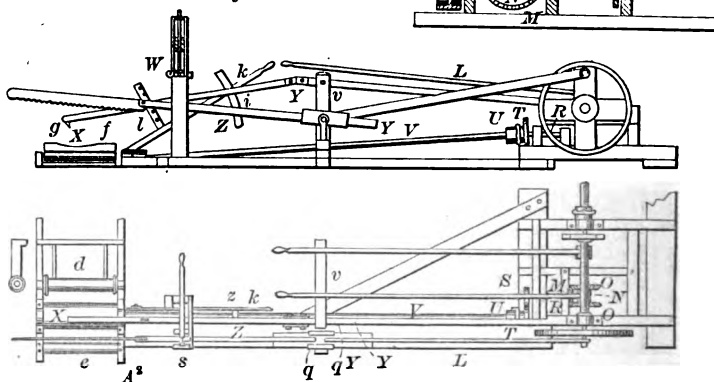
91541—J. Johnson—Pad for Horses' Hoofs.



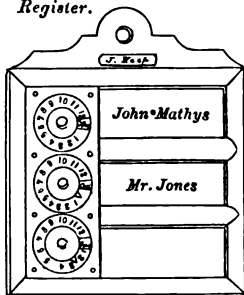
91542—D. P. Kayner—Cooking Stove.



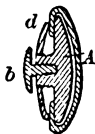
91544—I. Keller—Wood Sawing Machine.



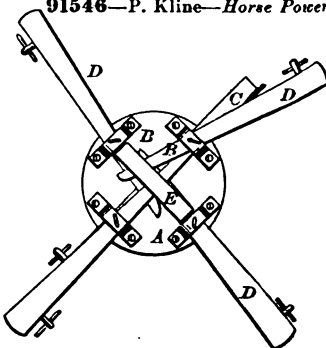
91543—J. M. Keep—Office Indicator and Register.



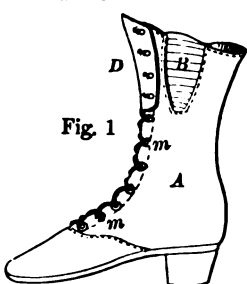
91545—I. C. Kelley—Rosette Holder.



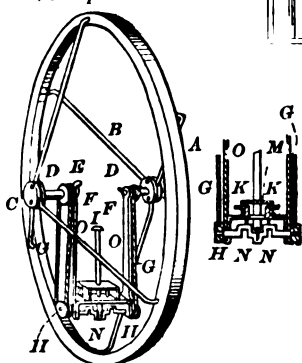
91546—P. Kline—Horse Power



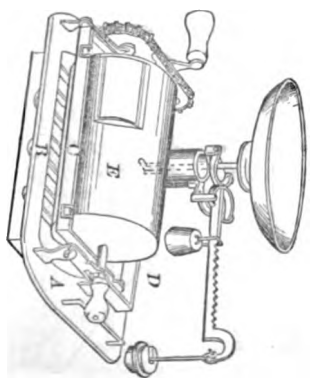
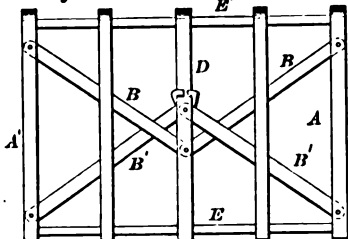
91547—W. Leathe—Boots and Shoes.



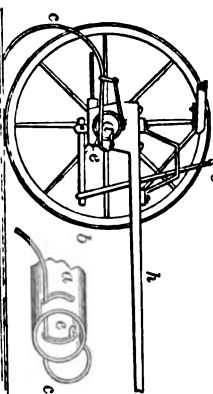
91550—J. Lund—Velocipede.



91551—B. G. Luther—Folding Wagon Cover Frame.

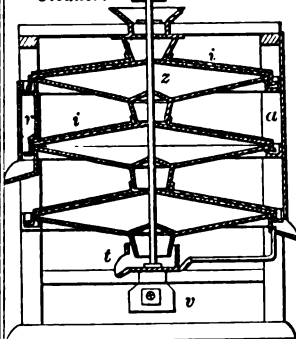


91553—C. Mach—Coffee Roaster.

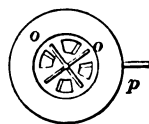
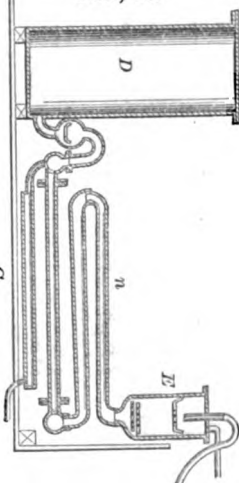


91548—W. A. Lewis—Horse Rake.

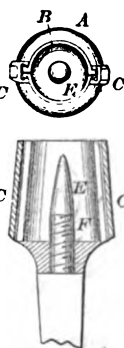
91549—W. A. Lewis—Grain Cleaner.



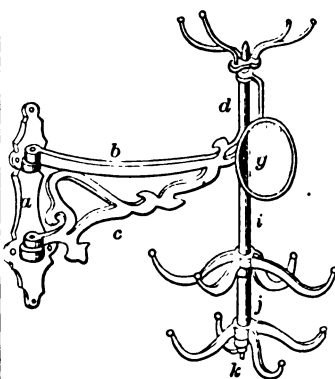
91552—A. S. Lyman—For Curing and Preserving Meat, &c.



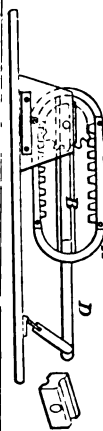
91556—Moore & Gambold—Brush Head.



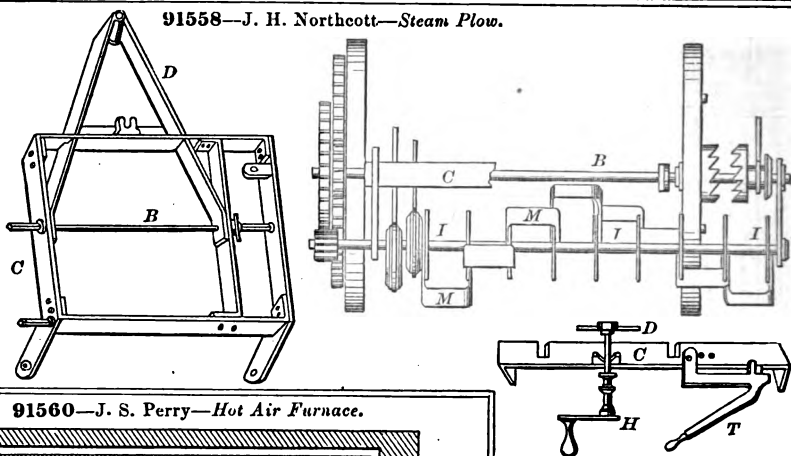
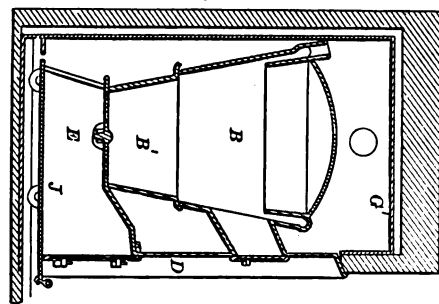
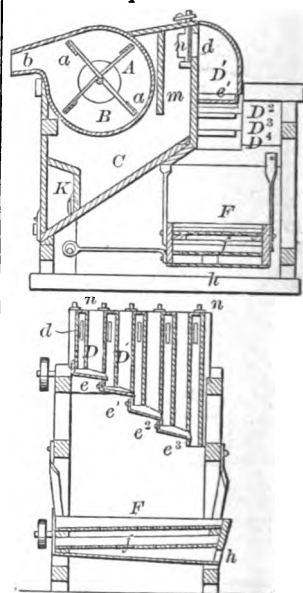
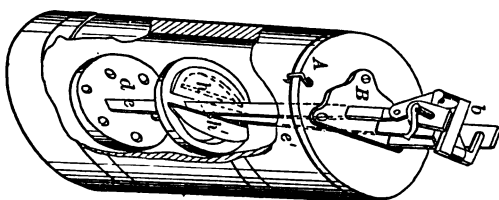
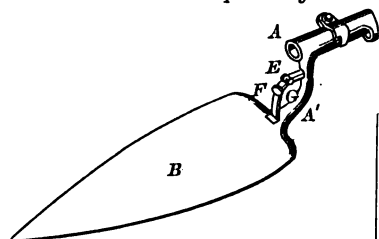
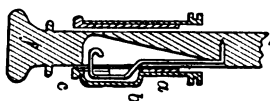
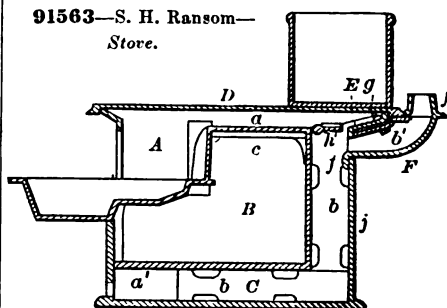
91559—J. E. Osborn—Hat and Coat Rack.

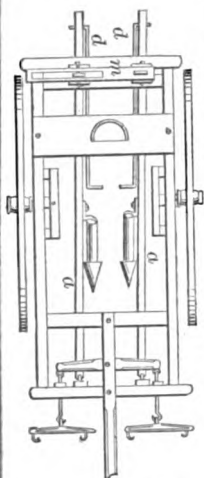


91555—T. A. Mitchell—For Converting Motion.

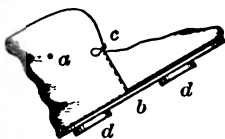




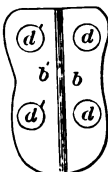
91558—J. H. Northcott—*Steam Plow.*91560—J. S. Perry—*Hot Air Furnace.*91561—C. T. Phillips—*Grain Separator.*91562—A. M. Powell—*Churn.*91564—E. Rice—*Spade Bayonet.*91565—H. T. Robbins—*Umbrella Runner.*91563—S. H. Ransom—*Stove.*



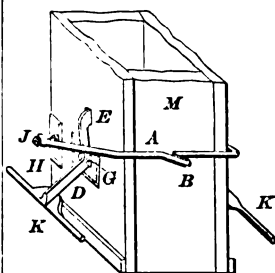
91566—J. Robinson—Subly Cultivator.



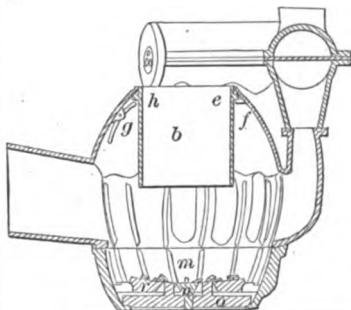
91567—G. W. Kohrock—Foot Comforter.



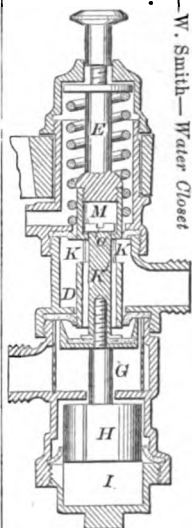
91568—N. N. Rugg—Bag Holder.



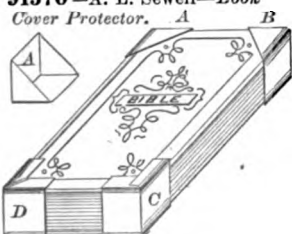
91569—W. Sanford—Hot Air Furnace.



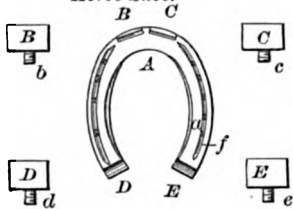
91574—W. Smith—Water Closet Valve.



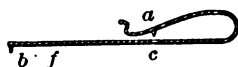
91570—A. L. Sewell—Book Cover Protector.



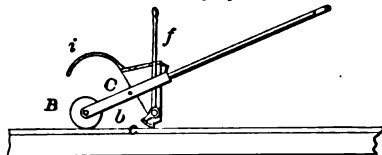
91571—Smith & Evans—Horse Shoe.



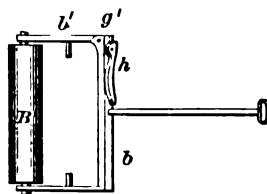
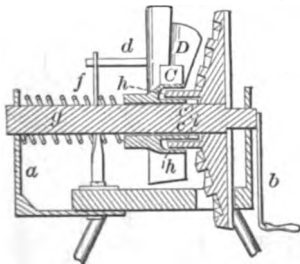
91573—J. V. C. Smith—Carpet Fastener.



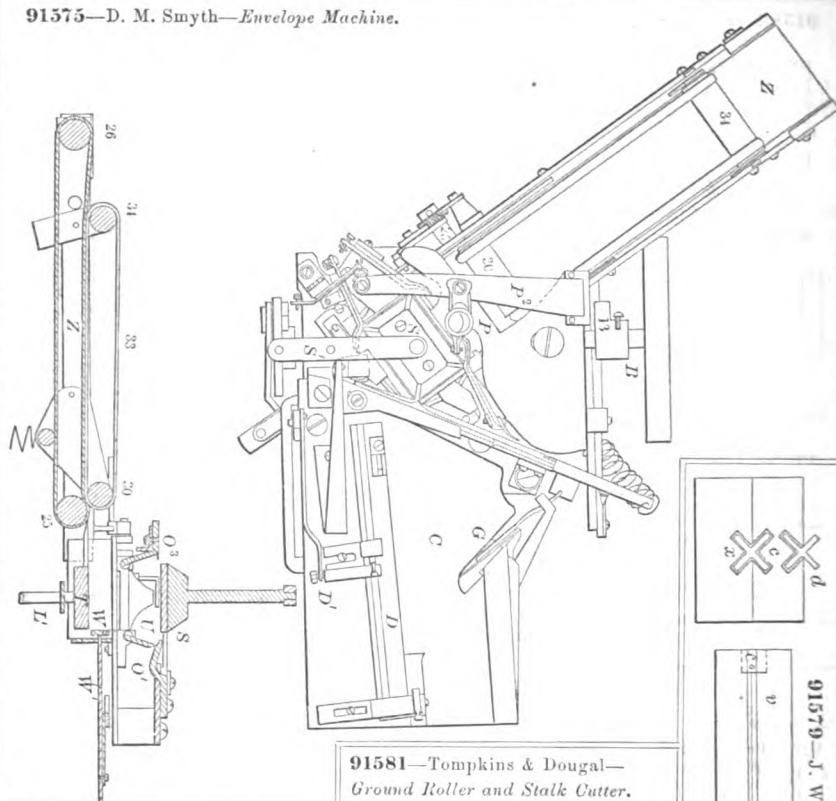
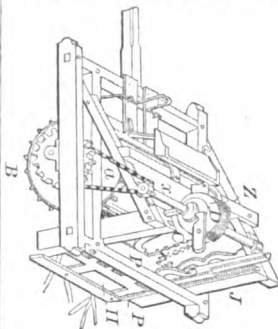
91577—H. G. Soules—For Manufacturing Roofing.



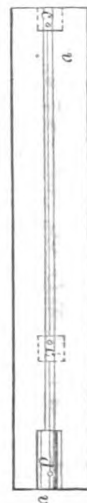
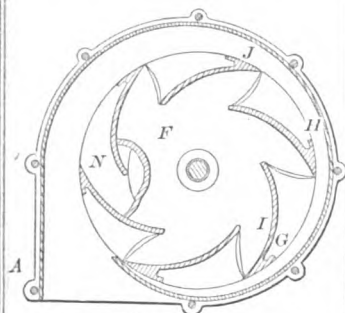
91572—J. P. Smith—Corn Sheller.



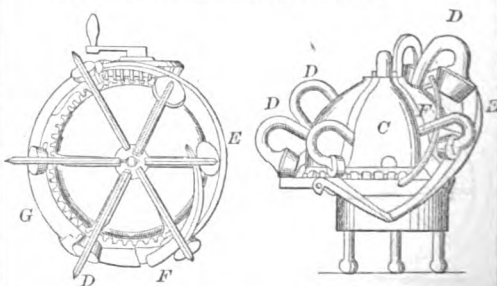
91575—D. M. Smyth—Envelope Machine.

91581—Tompkins & Dougal—  
Ground Roller and Stalk Cutter.

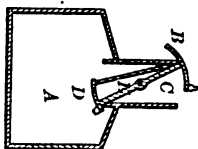
91579—J. W. Tefft—Table Slide.

91580—T. R. Timby—Turbine  
Water Wheel.

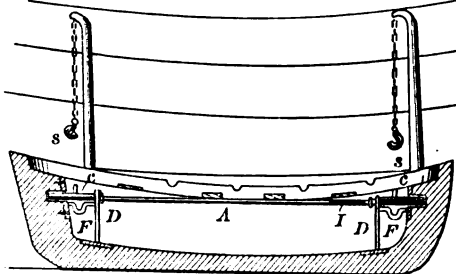
91582—W. H. Ward—Harvester Rake.



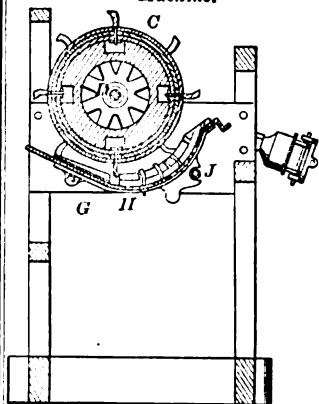
91583—F. Wittram—*Letter Box.*



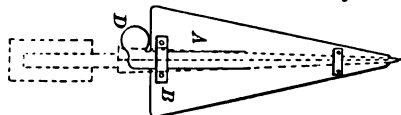
91584—W. M. Wood—*Boat Detaching Apparatus.*



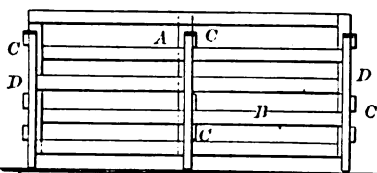
91587—J. Allonas—*Threshing Machine.*



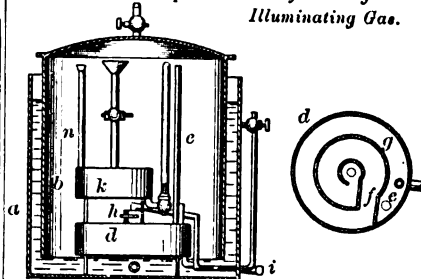
91586—J. S. Alexander—*Spade Bayonet.*



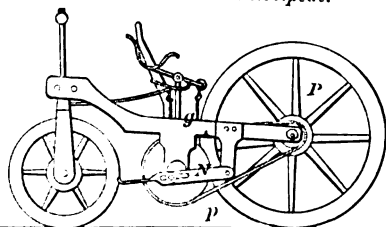
91585—C. Abbott—*Fence.*



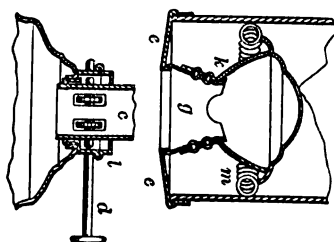
91588—R. Alsop—*For Manufacturing Illuminating Gas.*



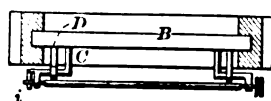
91589—S. Anderson—*Velocipede.*



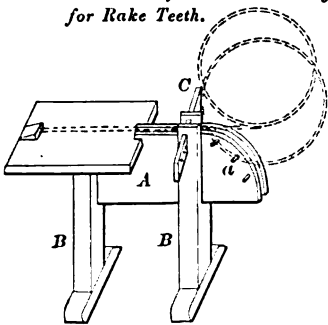
91590—L. J. Atwood—*Lamp.*



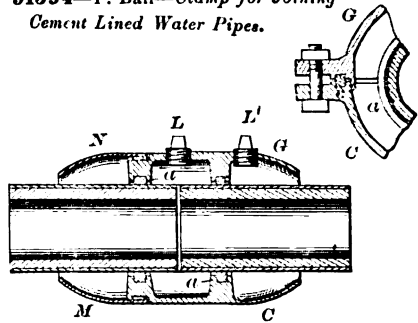
91591—J. D. Ayers—*Curtain Fixture.*



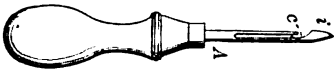
**91592**—J. N. Ayres—*For Bending Wire for Rake Teeth.*



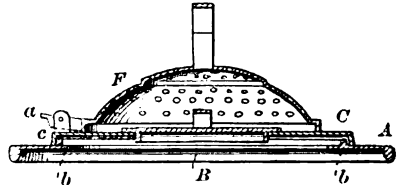
**91594**—P. Ball—*Clamp for Joining Cement Lined Water Pipes.*



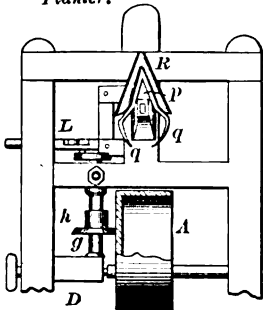
**91593**—N. W. Baker—*Tying up Awl.*



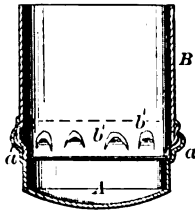
**91598**—E. W. Bigelow—*Stove Top and Cover.*



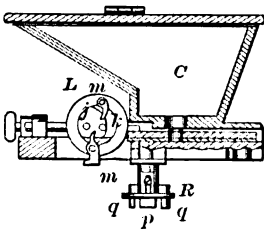
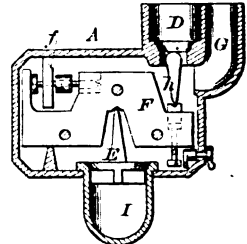
**91595**—G. Banister—*Seed Planter.*



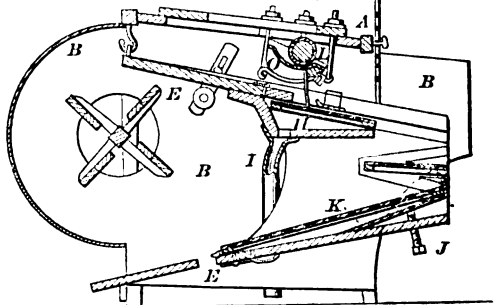
**91596**—A. Bennett—*Range Boiler.*



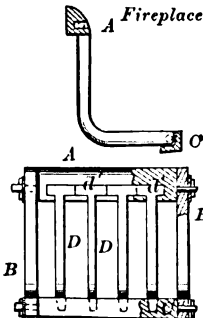
**91599**—J. Brahn—*Low Water Indicator.*



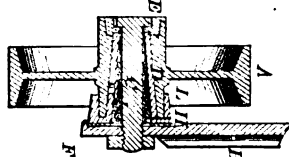
**91600**—H. Bruggeman—*Fanning Mill.*



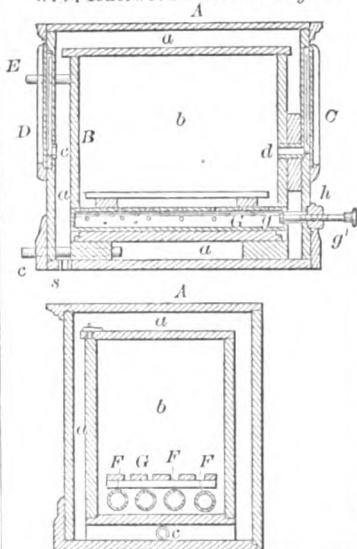
**91597**—L. Bertsche, Jr.—*Fireplace Grate.*



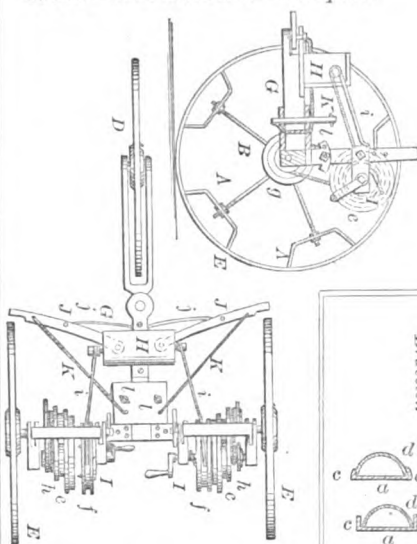
**91603**—Clarke & Dickey—*Lubricating Journal.*



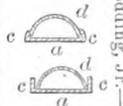
**91601**—Burdick, Chase, F. P. & W. S. Isherwood—*Tobacco Dryer.*



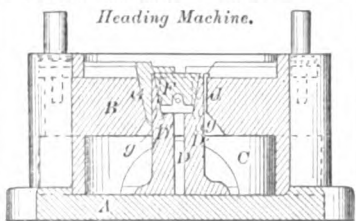
**91602**—A. L. Butterfield—*Velocipede.*



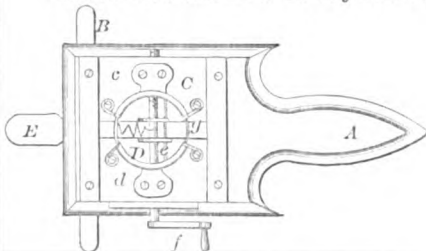
**91604**—A. Codding, Jr.—*Bracket.*



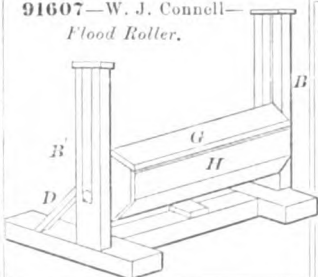
**91605**—L. Coes—*Wrench Bar-Heading Machine.*



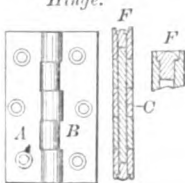
**91606**—C. Collins—*For Turning Boot Legs.*



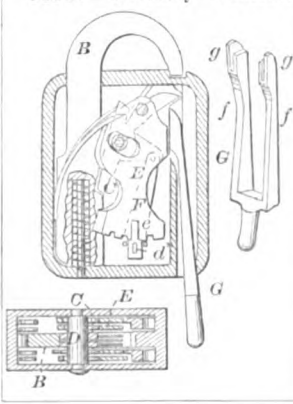
**91607**—W. J. Connell—*Flood Roller.*



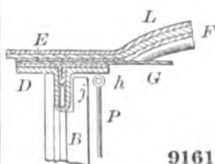
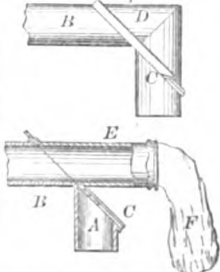
**91609**—J. J., L. & H. S. Crooke—*Hinge.*



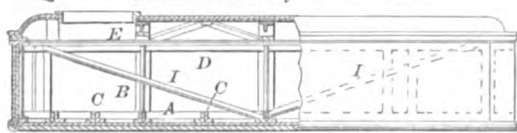
**91610**—A. Crosby—*Padlock.*

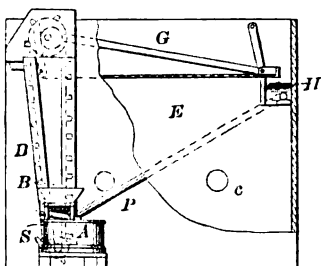
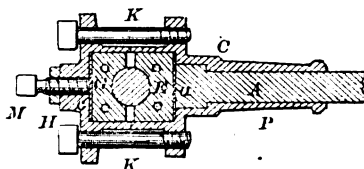
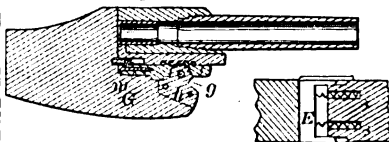
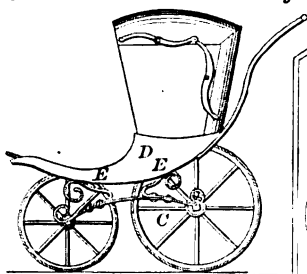
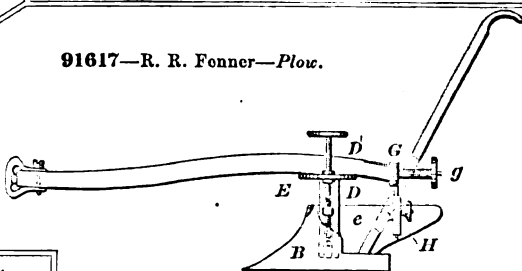
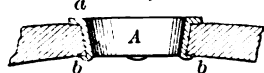
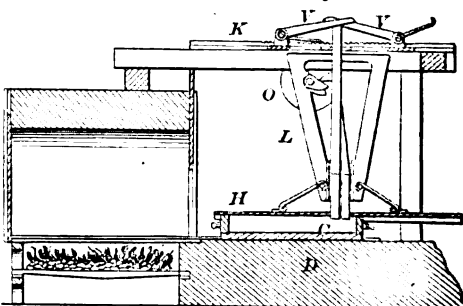
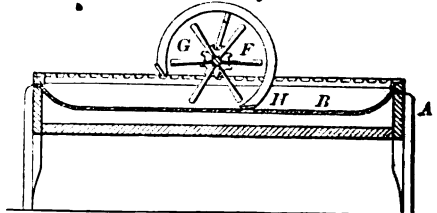
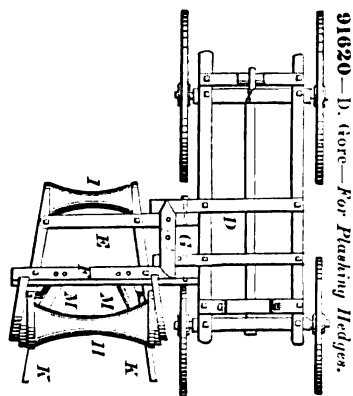
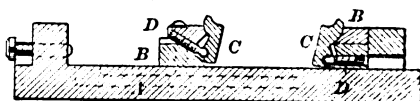
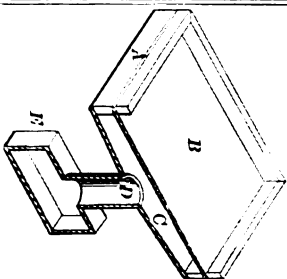


**91608**—A. D. Cook—*Store Pipe.*

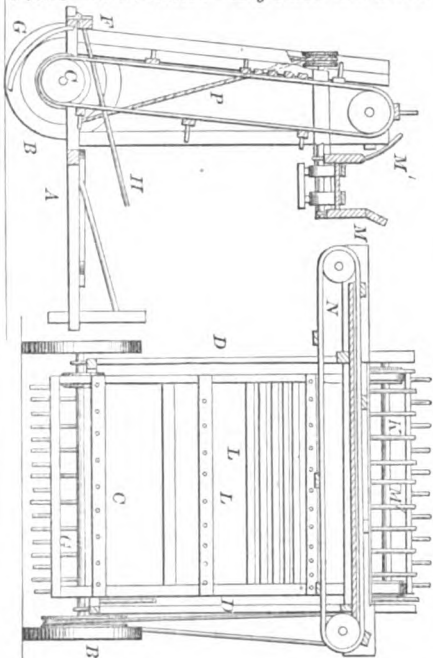


**91611**—A. Crosby—*Burial Case.*

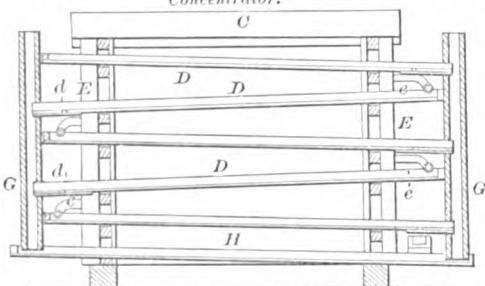


91612—H. Cutler—*Flour Mill.*91613—M. D. Drake—*Pitman.*91616—L. T. Fairbanks—*Fire Arm.*91615—J. A. H. Ellis—*Carriage.*91617—R. R. Fenner—*Plow.*91618—D. F. Fetter—*Bush for Barrels, &c.*91619—G. W. Francis—*For Making Sheet Iron.*91622—D. C. Hall—*Curd Agitator.*91625—R. Henderson—*Planer Chuck.*91620—D. Store—*For Pushing Hedges.*91620—H. Henley—*Fruit Dryer.*

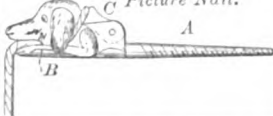
91623—F. W. Harlow—Hay Raker and Loader.



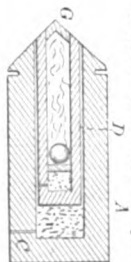
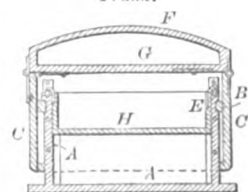
91627—Heslep & Cochrane—Ore Washer and Concentrator.



91629—H. Hickman—  
Picture Nail.

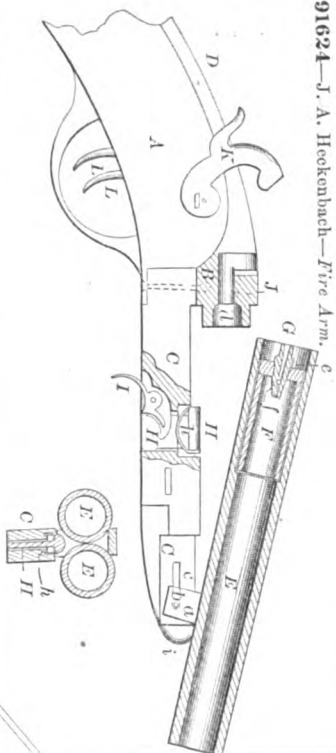


91630—H. Hickman—  
Trunk.

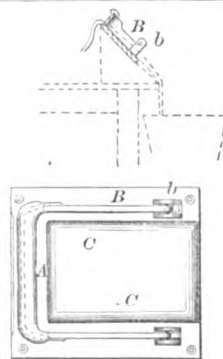


91633—J. W. Hill—Projectile.

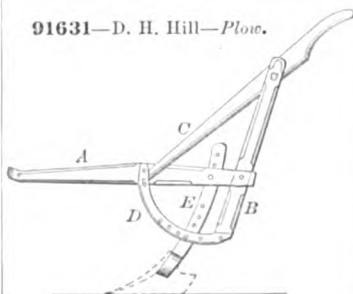
91624—J. A. Heckenbach—Fire Arm.



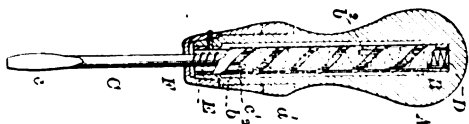
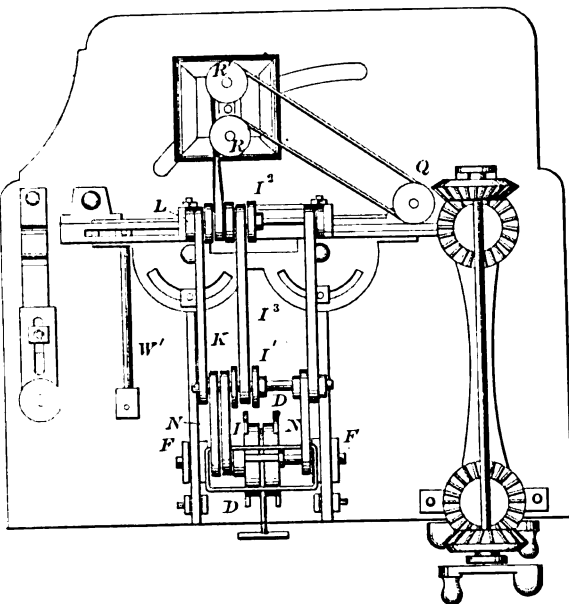
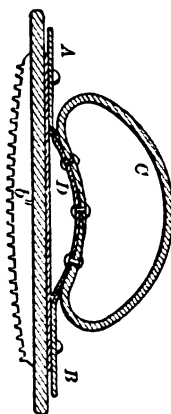
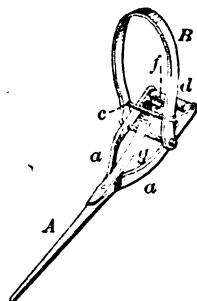
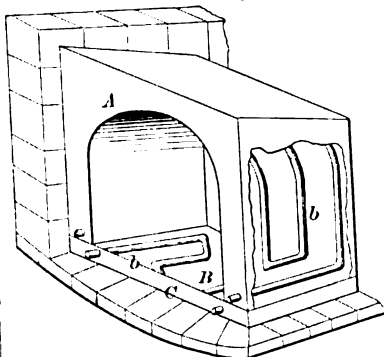
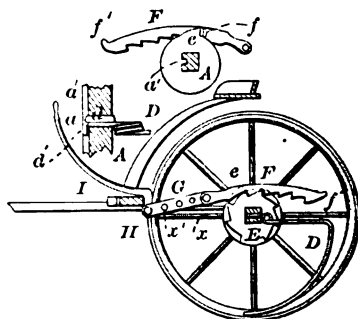
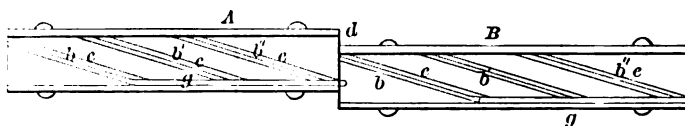
91628—M. Henry—For Cleaning  
Sausage Cases.



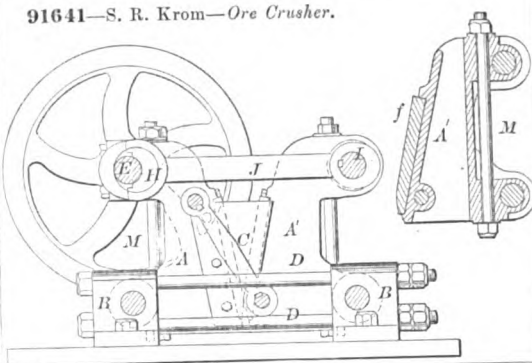
91631—D. H. Hill—Plover.



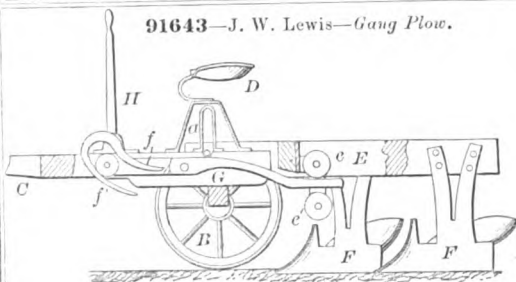


**91634—W. Hofer—Screw Driver.****91635—T. Holt—Grooving Machine.****91637—J. E. Imley—Curry Comb.****91639—W. Kelly—Animal Poke.****91636—J. Horton—Tugere Arch.****91640—W. King—Horse Rake.****91638—O. Jennings—Mining Sluice for Saving Sulphurets.**

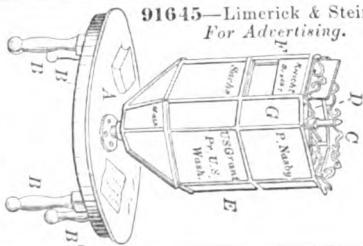
91641—S. R. Krom—Ore Crusher.



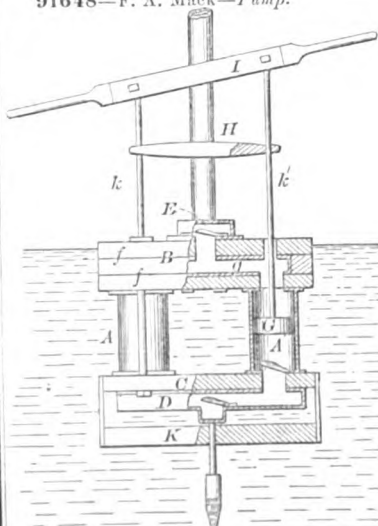
91643—J. W. Lewis—Gang Plow.



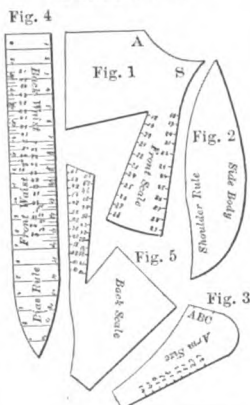
91645—Limerick & Stein—  
For Advertising.



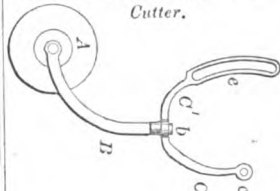
91648—F. A. Mack—Pump.



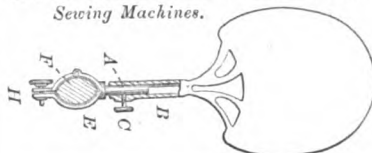
91642—J. M. Lent—Dress  
Waist Pattern.



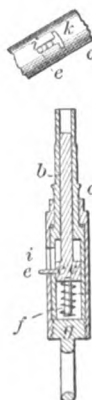
91644—J. W. Lewis—Plow  
Cutter.



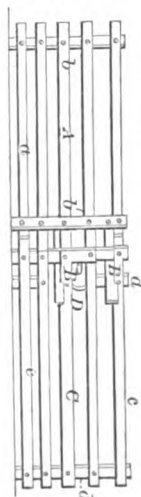
91646—T. A. Lyle—Fan Attachment for  
Sewing Machines.



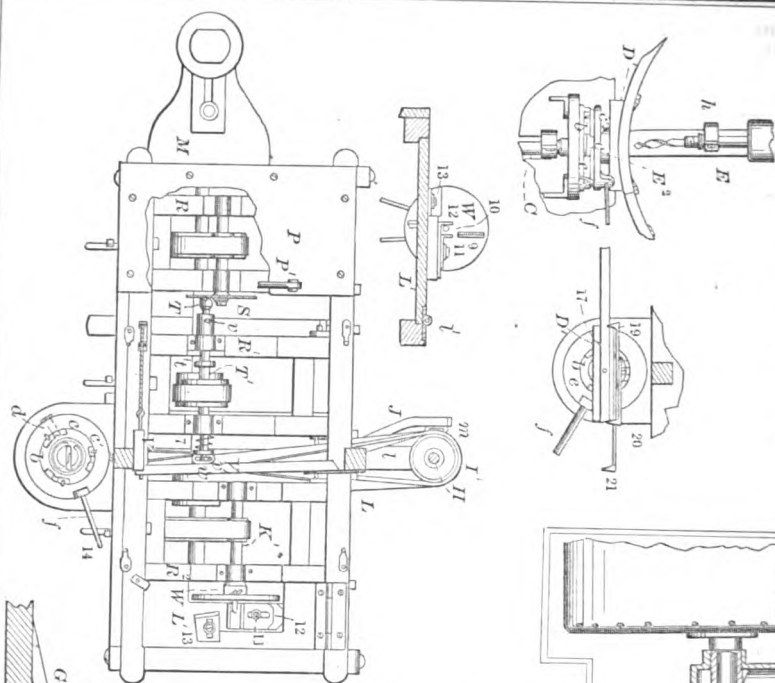
91650—W. N. Martin—Watch Key.



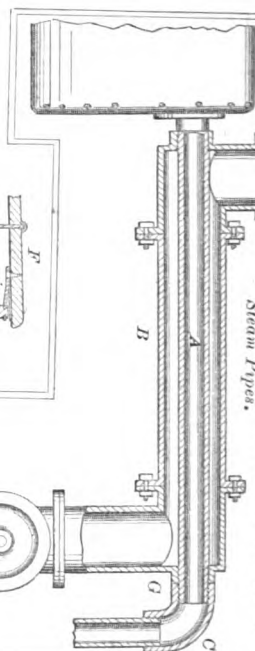
91651—P. McCollum—Fence.



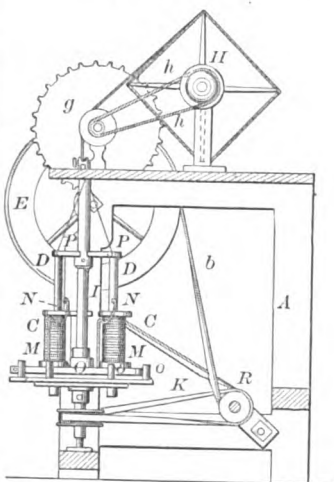
91649—Marshall &amp; Hawkins—Wheel Making Machine.



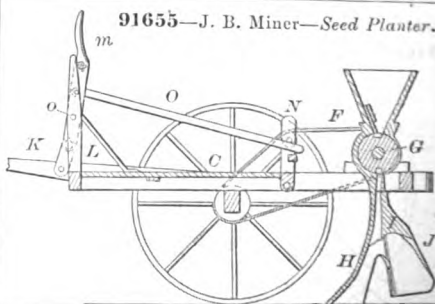
91652—J. McFarland—For Preventing Radiation of Heat from Steam Pipes.



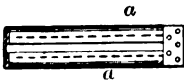
91653—J. McIntire—For Making Twine, &amp;c.



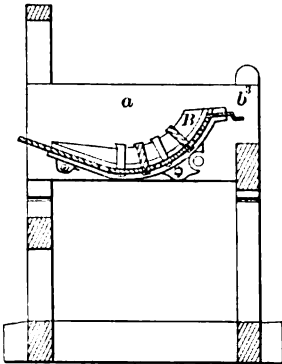
91655—J. B. Miner—Seed Planter.



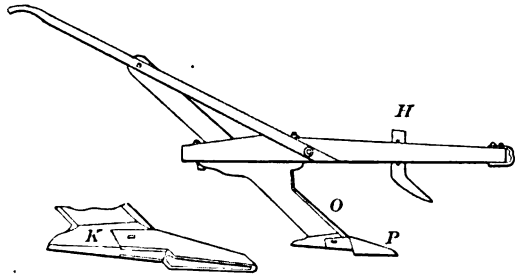
**91656**—J. Montgomery—*Machine Belting.*



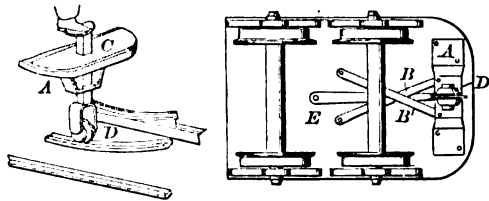
**91658**—J. Nichols—*Threshing Machine Concave.*



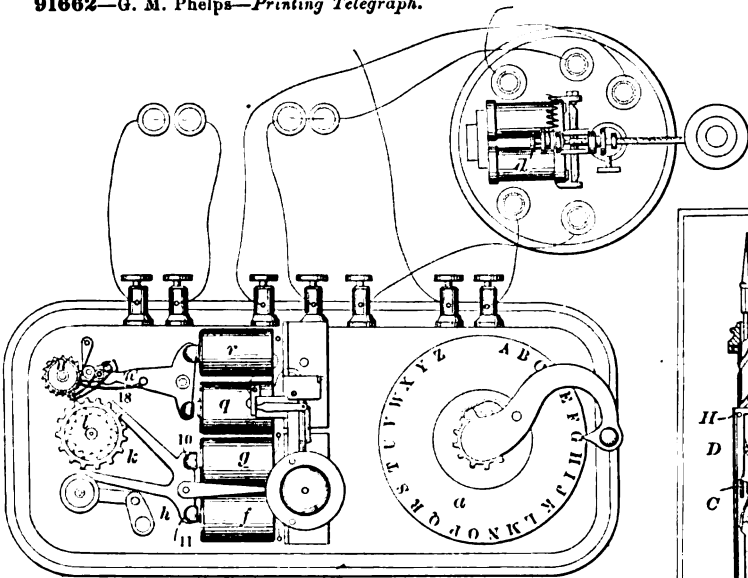
**91657**—J. W. Murfee—*Subsoil Plow.*



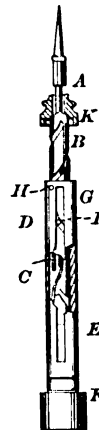
**91663**—D. Pike—*Railway Switching Apparatus.*



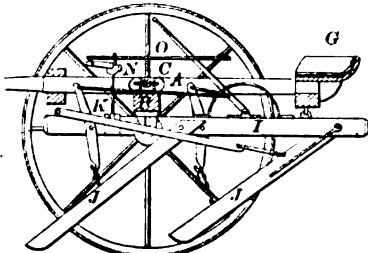
**91662**—G. M. Phelps—*Printing Telegraph.*



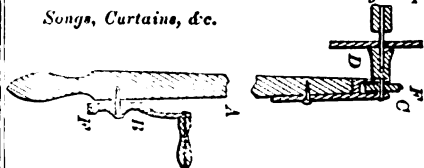
**91665**—J. H. Krauch—*Pencil Case.*



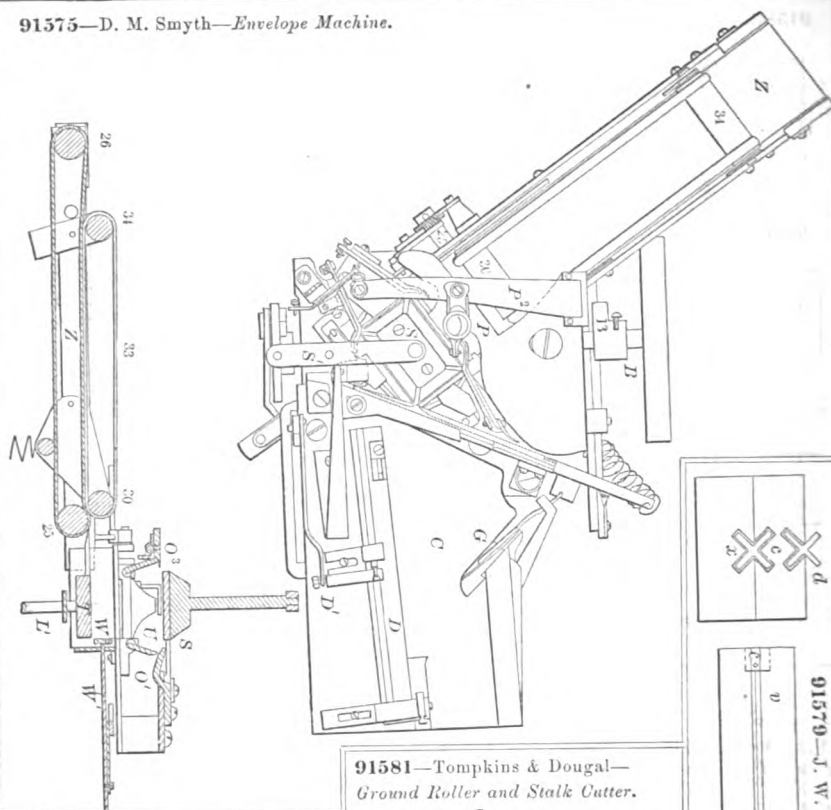
**91661**—R. B. & J. K. Parks—*Cultivator.*



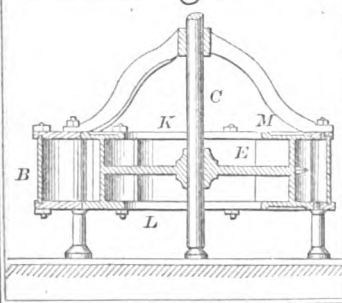
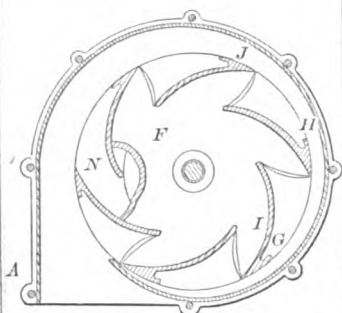
**91660**—J. S. Ostrander—*For Winding Maps, Songs, Curtains, &c.*



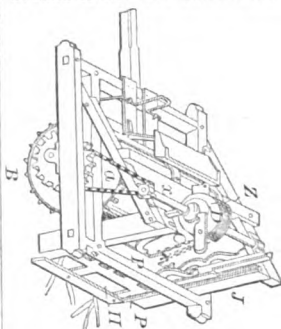
91575—D. M. Smyth—Envelope Machine.



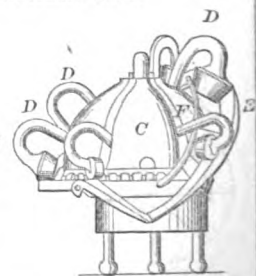
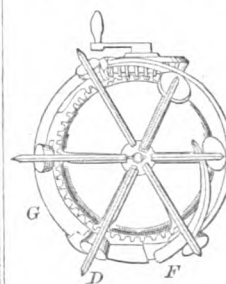
91580—T. R. Timby—Turbine Water Wheel.



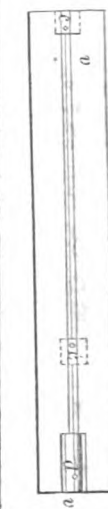
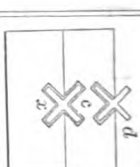
91581—Tompkins &amp; Dougal—Ground Roller and Stalk Cutter.



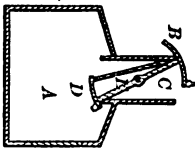
91582—W. H. Ward—Harvester Rake.



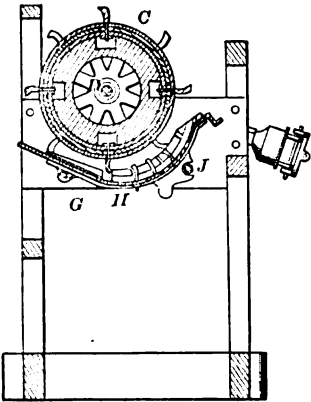
91579—J. W. Tefft—Table Slide.



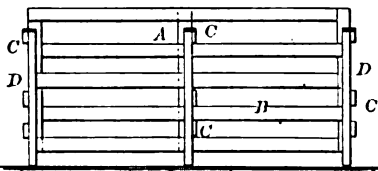
91583—F. Wittram—*Letter Box.*



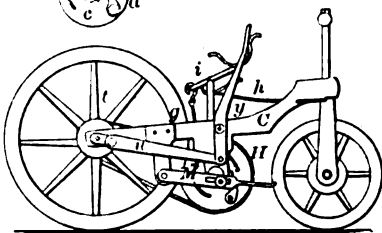
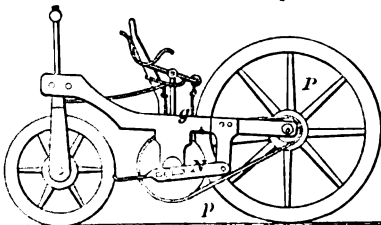
91587—J. Allonas—*Threshing Machine.*



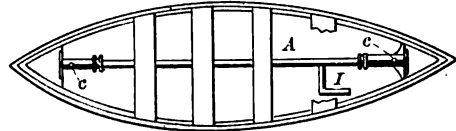
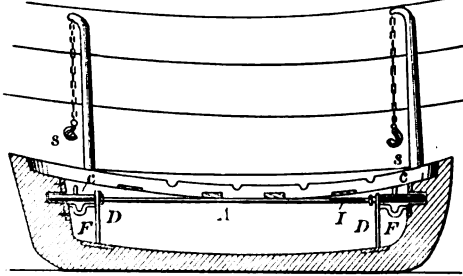
91585—C. Abbott—*Fence.*



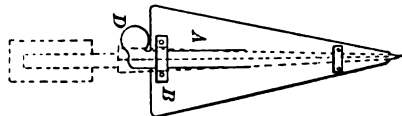
91589—S. Anderson—*Velociped.*



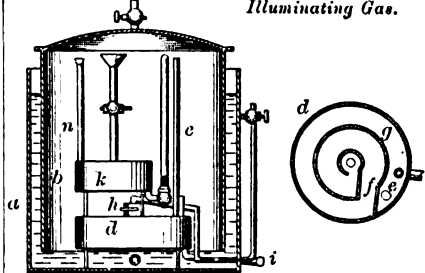
91584—W. M. Wood—*Boat Detaching Apparatus.*



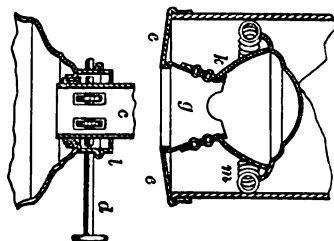
91586—J. S. Alexander—*Spade Bayonet.*



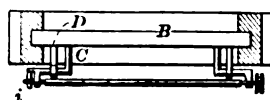
91588—R. Alsop—*For Manufacturing Illuminating Gas.*



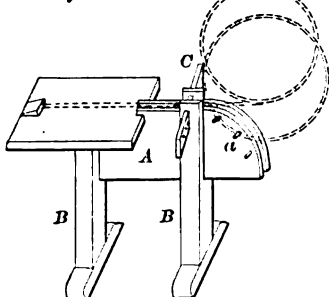
91590—L. J. Atwood—*Lamp.*



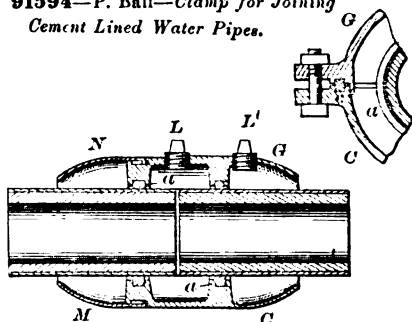
91591—J. D. Ayers—*Curtain Fixture.*



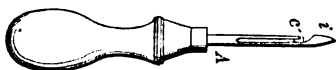
**91592**—J. N. Ayres—*For Bending Wire for Rake Teeth.*



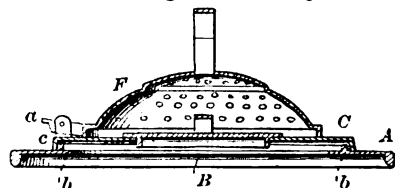
**91594**—P. Ball—*Clamp for Joining Cement Lined Water Pipes.*



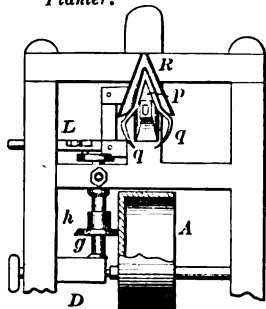
**91593**—N. W. Baker—*Tying up Awl.*



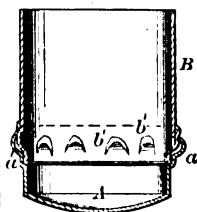
**91598**—E. W. Bigelow—*Stove Top and Cover.*



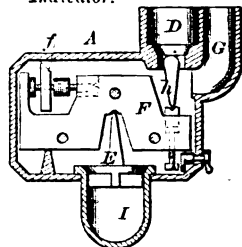
**91595**—G. Banister—*Seed Planter.*



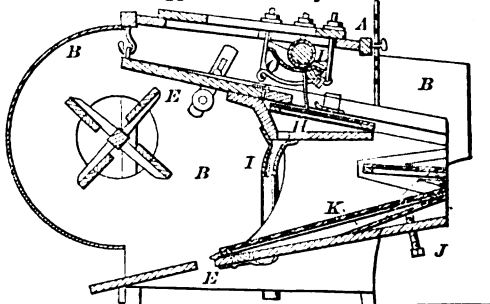
**91596**—A. Bennett—*Range Boiler.*



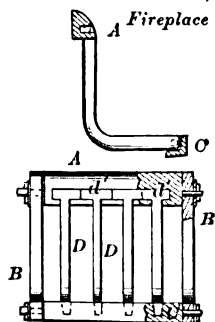
**91590**—J. Brahn—*Low Water Indicator.*



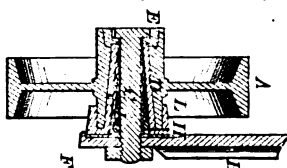
**91600**—H. Bruggeman—*Fanning Mill.*



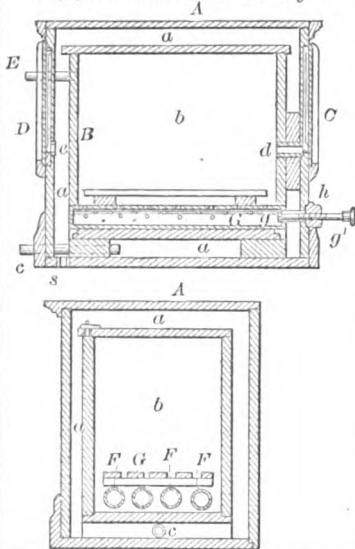
**91597**—L. Bertsche, Jr.—*Fireplace Grate.*



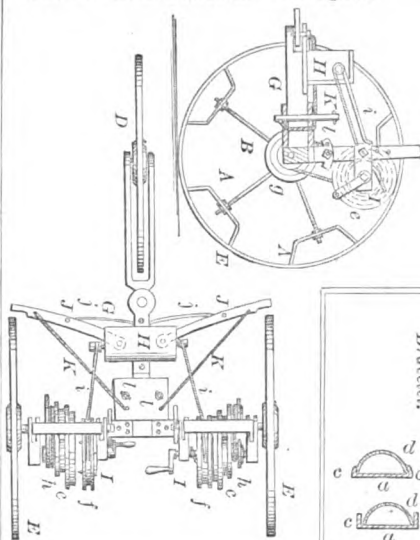
**91603**—Clarke & Dickey—*Lubricating Journal.*



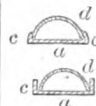
**91601**—Burdick, Chase, F. P. & W. S. Isherwood—*Tobacco Dryer.*



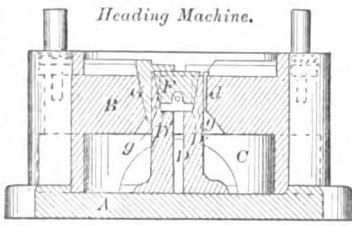
**91602**—A. L. Butterfield—*Velocipede.*



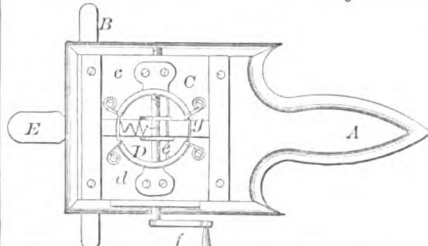
**91604**—A. Codding, Jr.—*Bracket.*



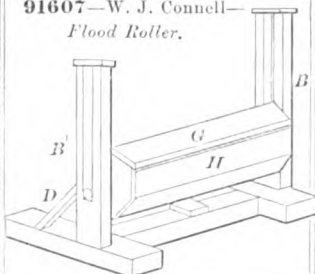
**91605**—L. Coes—*Wrench Bar Heading Machine.*



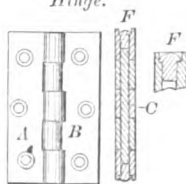
**91606**—C. Collins—*For Turning Boot Legs.*



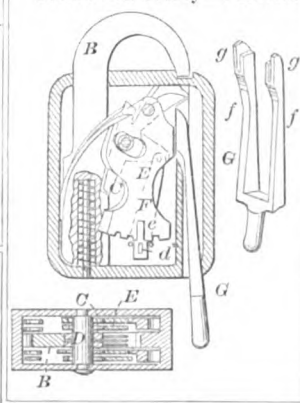
**91607**—W. J. Connell—*Flood Roller.*



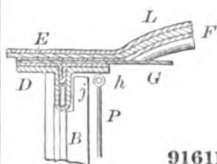
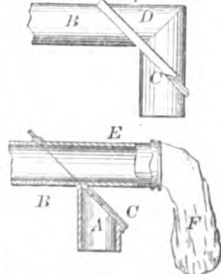
**91609**—J. J., L. & H. S. Crooke—*Hinge.*



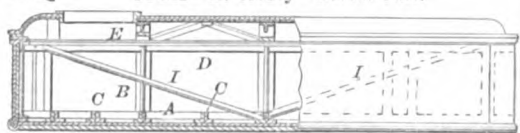
**91610**—A. Crosby—*Padlock.*



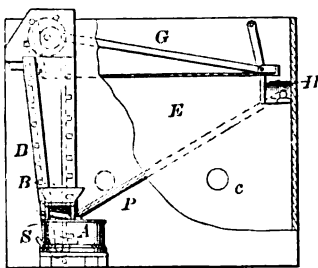
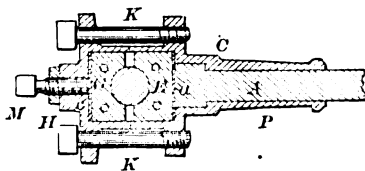
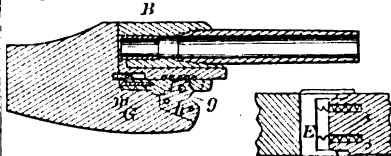
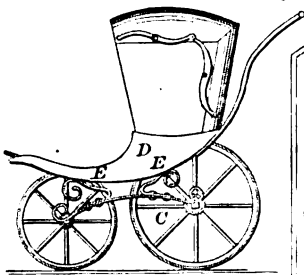
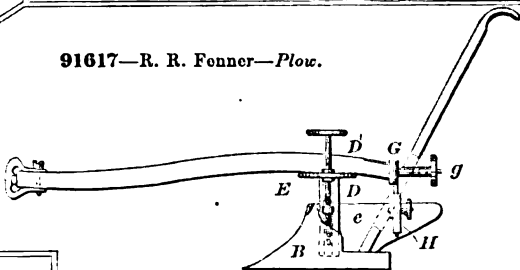
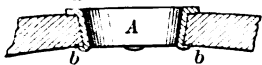
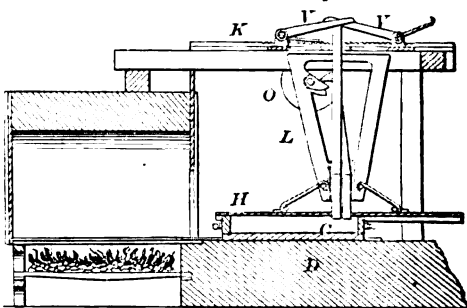
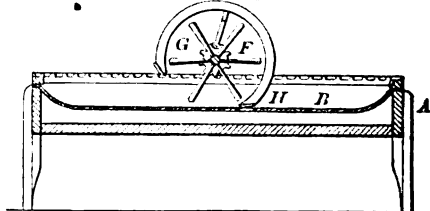
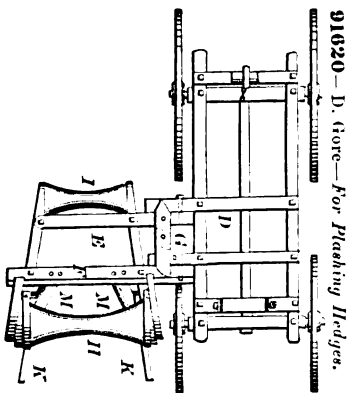
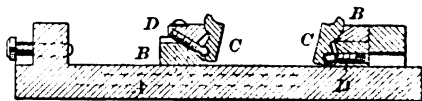
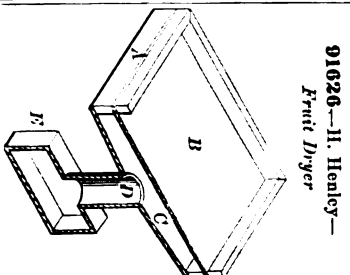
**91608**—A. D. Cook—*Store Pipe.*



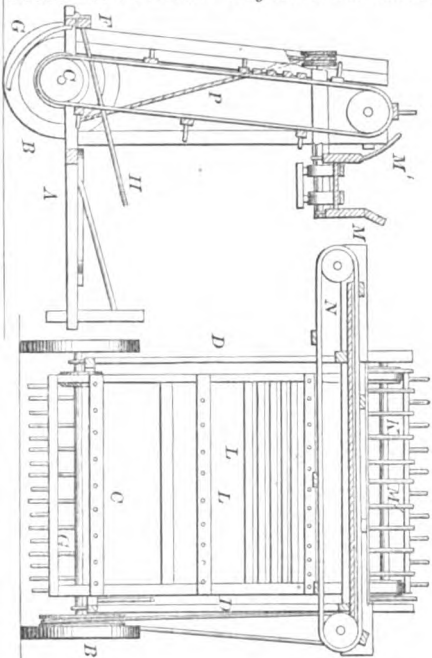
**91611**—A. Crosby—*Burial Case.*



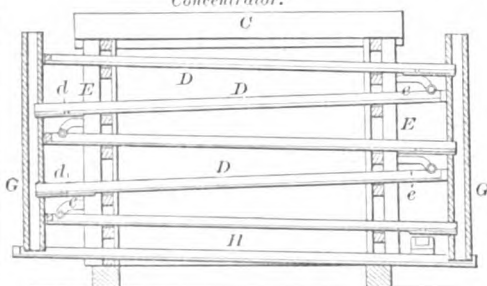



91612—H. Cutler—*Flour Mill.*91613—M. D. Drake—*Pitman.*91616—L. T. Fairbanks—*Fire Arm.*91615—J. A. H. Ellis—*Carriage.*91617—R. R. Fenner—*Plow.*91618—D. F. Fetter—*Bush for Barrels, &c.*91619—G. W. Francis—*For Making Sheet Iron.*91622—D. C. Hall—*Curd Agitator.*91625—R. Henderson—*Planer Chuck.*91620—D. Store—*For Planing Sledges.*91626—H. Henley—*Print Dyer.*

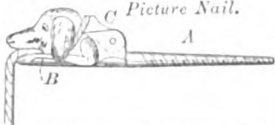
**91623**—F. W. Harlow—*Hay Raker and Loader.*



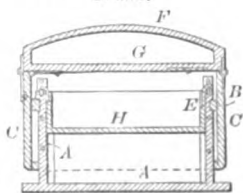
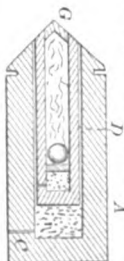
**91627**—Heslep & Cochrane—*Ore Washer and Concentrator.*



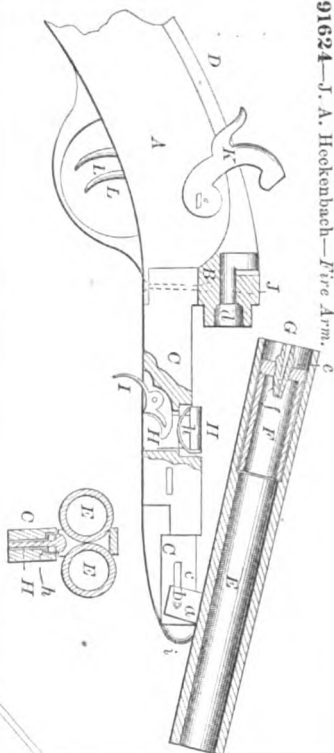
91629—H. Hickman—  
 *a* Picture Nail.



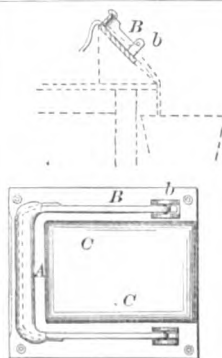
91630—H. Hickman—  
*Trunk.*

91633—J. W. Hill—*Projectile*.

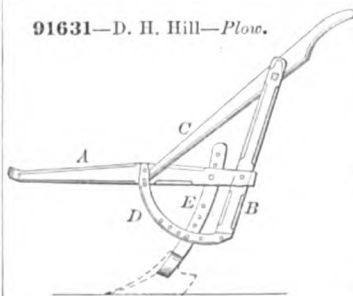
91624—J. A. Heckenbach—

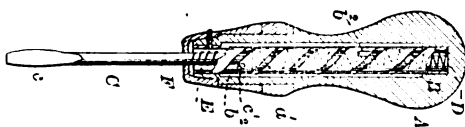
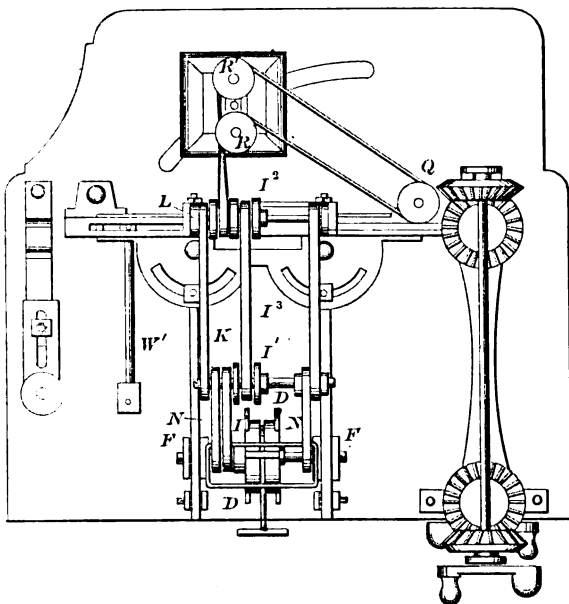
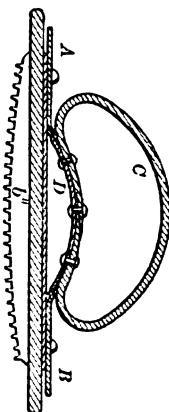
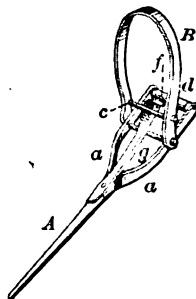
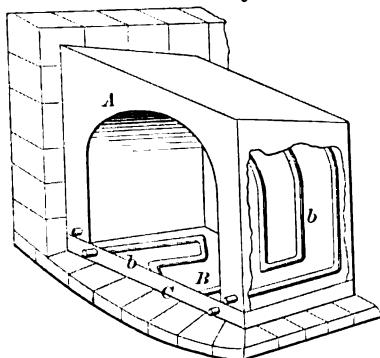
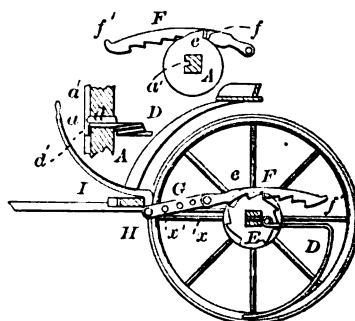
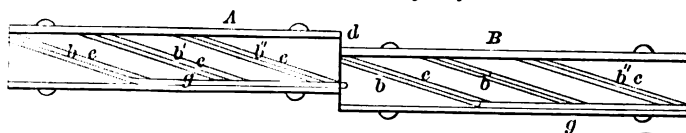


91628—M. Hensy—*For Cleaning Sausage Cases.*

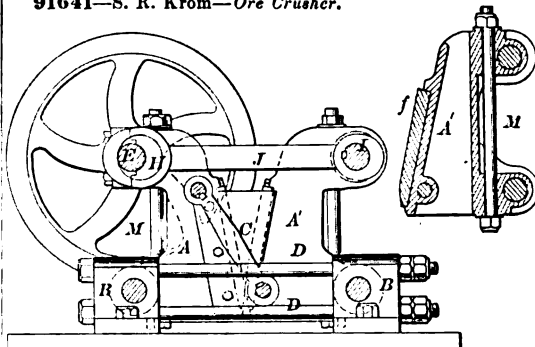


91631—D. H. Hill—*Plow*.

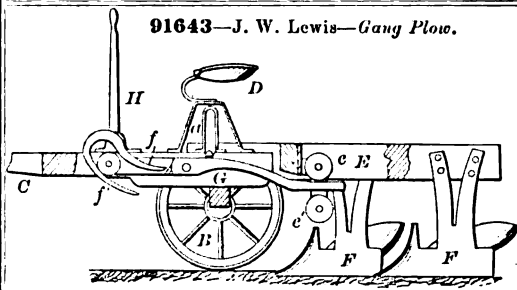


**91634**—W. Hofer—*Screw Driver.***91635**—T. Holt—*Grooving Machine.***91637**—J. K. Insley—*Curry Comb.***91639**—W. Kelly—*Animal Poke.***91636**—J. Horton—*Tuyere Arch.***91640**—W. King—*Horse Rake.***91638**—O. Jennings—*Mining Sluice for Saving Sulphurets.*

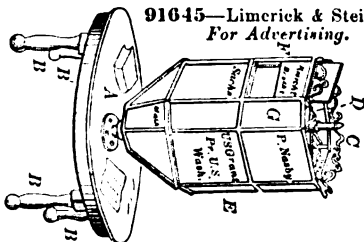
91641—S. R. Krom—Ore Crusher.



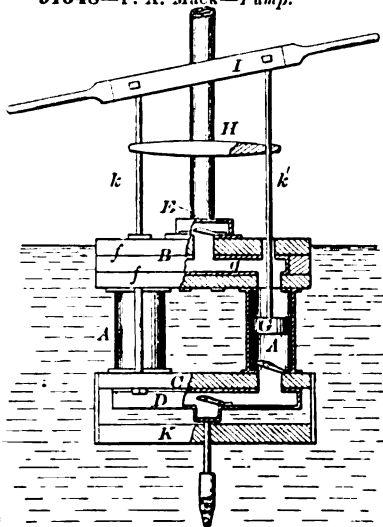
91643—J. W. Lewis—Gang Plow.



91645—Limerick & Stein—  
For Advertising.

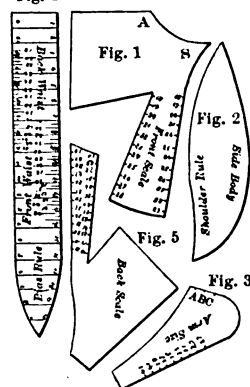


91648—F. A. Mack—Pump.

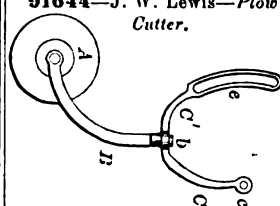


91642—J. M. Lent—Dress  
Waist Pattern.

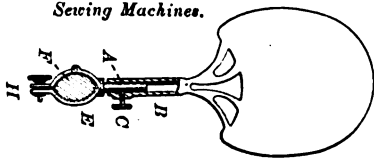
Fig. 4



91644—J. W. Lewis—Plow  
Cutter.



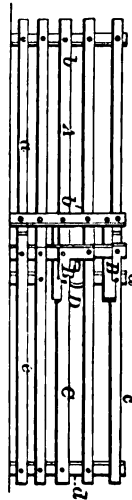
91646—T. A. Lyle—Fan Attachment for  
Sewing Machines.



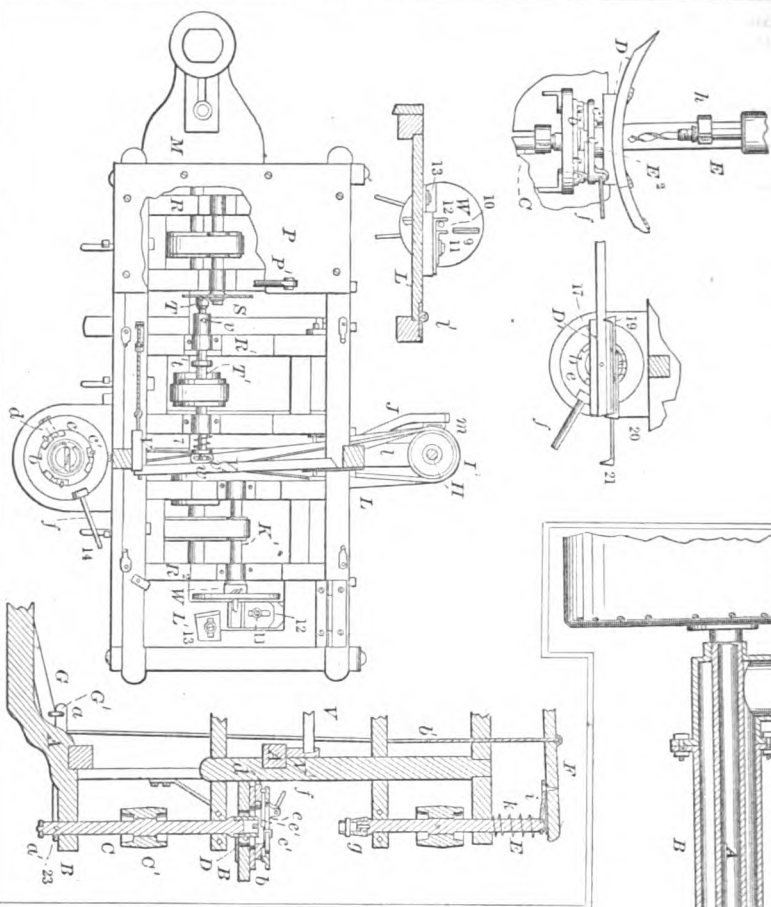
91650—W. N. Martin—Watch Key.



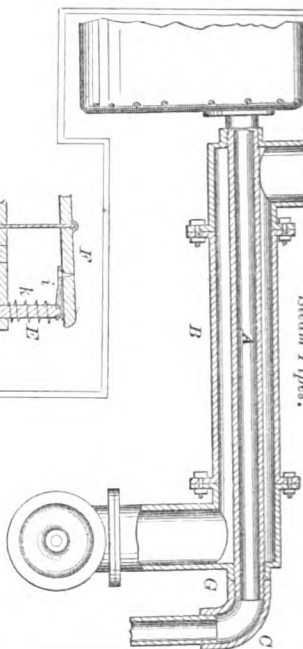
91651—P. McCollum—Fence.



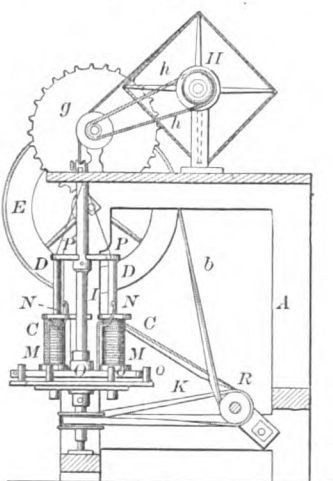
91649—Marshall &amp; Hawkins—Wheel Making Machine.



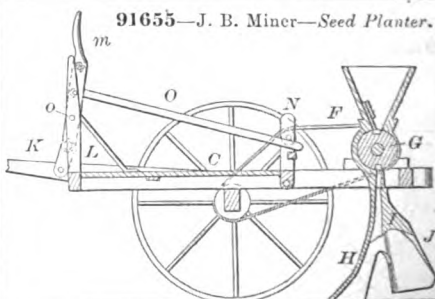
91652—J. McFarland—For Preventing Radiation of Heat from Steam Pipes.



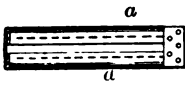
91653—J. McIntire—For Making Twine, &amp;c.



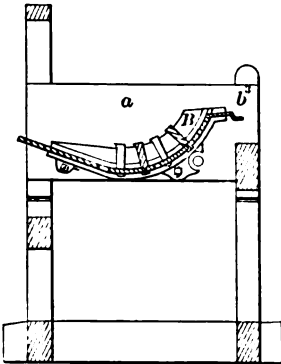
91655—J. B. Miner—Seed Planter.



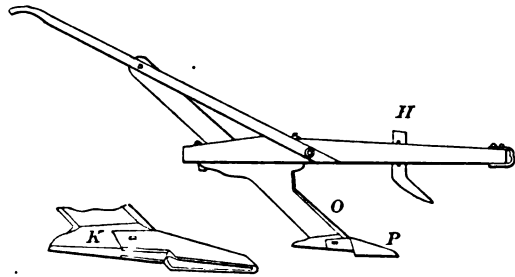
**91656**—J. Montgomery—*Machine Belting.*



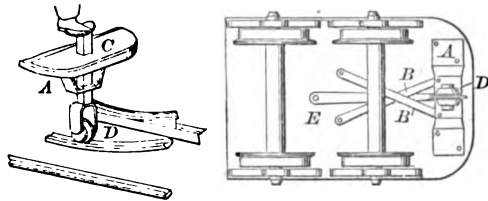
**91658**—J. Nichols—*Threshing Machine Concave.*



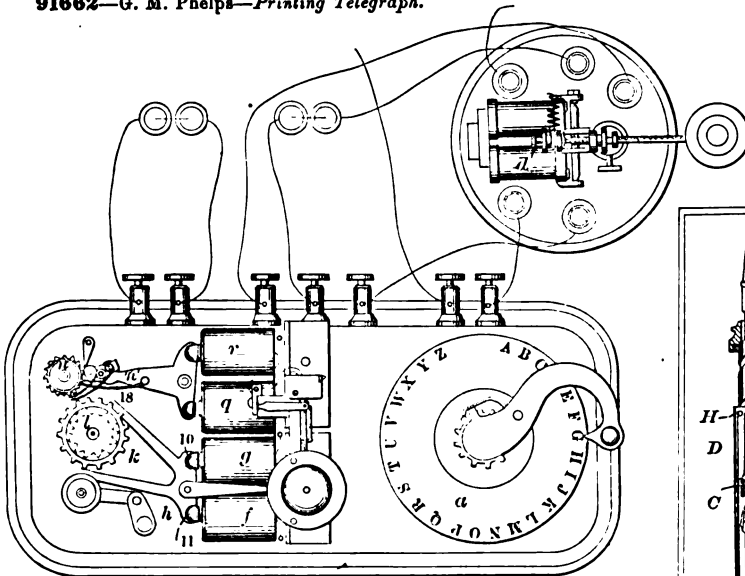
**91657**—J. W. Murfee—*Subsoil Plow.*



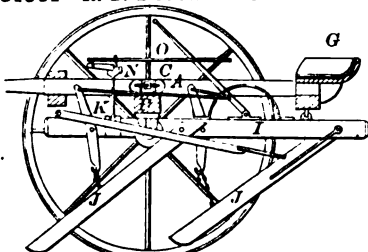
**91663**—D. Pike—*Railway Switching Apparatus.*



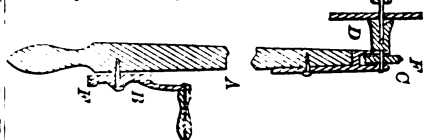
**91662**—G. M. Phelps—*Printing Telegraph.*



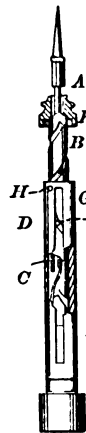
**91661**—R. B. & J. K. Parks—*Cultivator.*

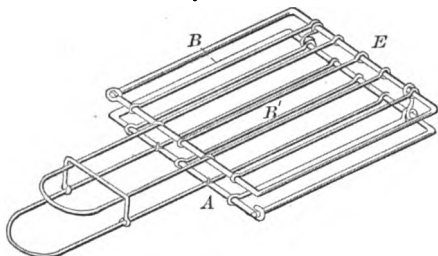
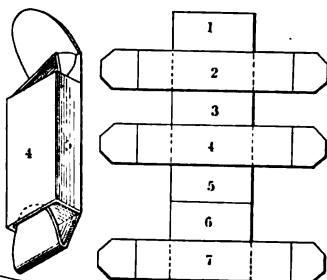
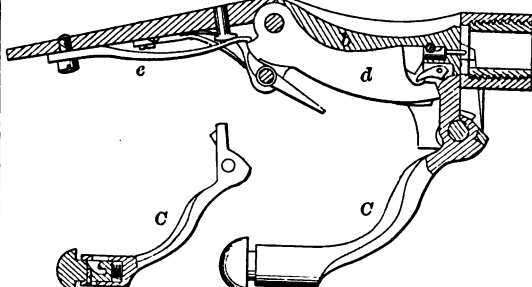
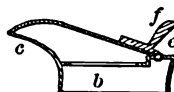
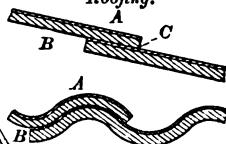
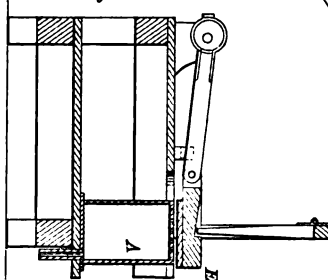
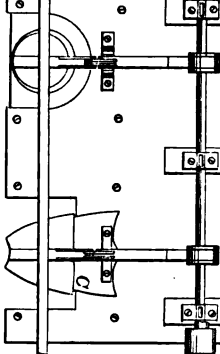
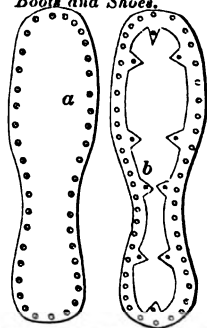
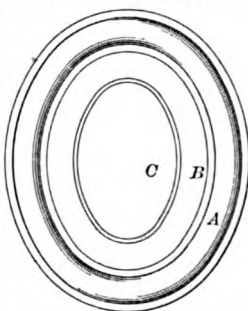
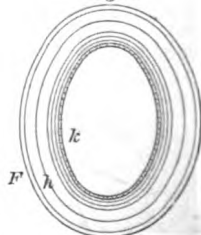
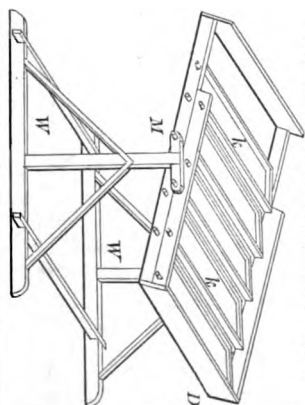


**91660**—J. S. Ostrander—*For Winding Maps, Songs, Curtains, &c.*

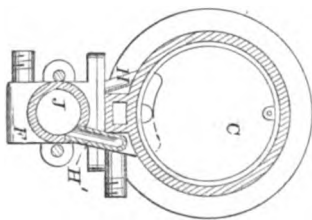
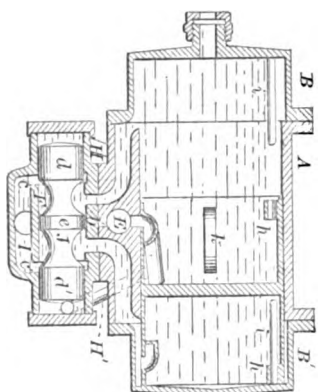


**91665**—J. H. Krauch—*Pencil Case.*

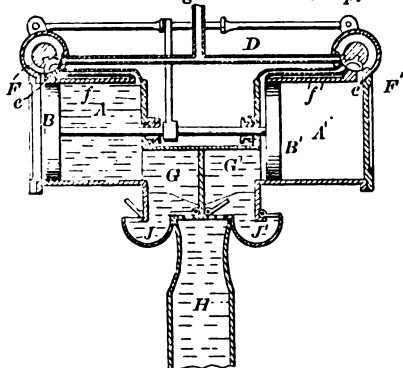


**91664—C. L. Prouty—Broiler and Toaster.****91666—J. L. Reber—Paper Box.****91668—W. Richard—Fire Arm.****91669—F. B. Richardson—Casting Jug Tops.****91672—C. C. Scaife—Metallic Roofing.****91670—Robinson, Lonine, N. T. & D. W. Hyatt—Felting Machine.****91674—Senour & Traphagan—Boots and Shoes.****91673—G. Schneider—Picture Frame.****Fig. 4****Fig. 5****91671—Rogers & Selby—Fruit Dryer.**

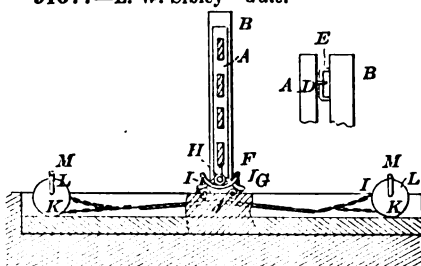
91675—H. C. Sergeant—Water Meter.



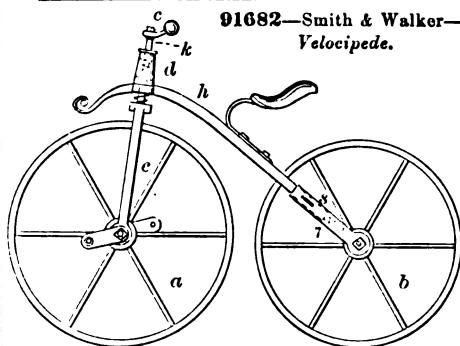
91676—H. C. Sergeant—Steam Pump.



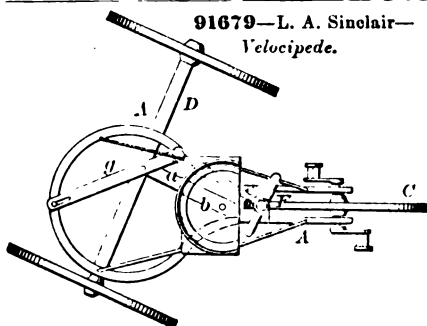
91677—L. W. Sibley—Gate.



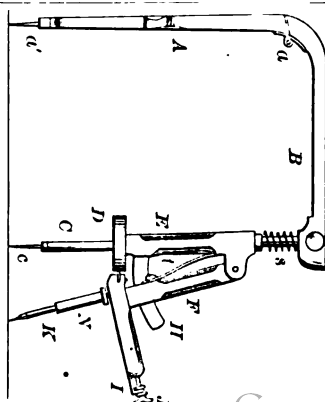
91682—Smith & Walker—  
Velocipede.



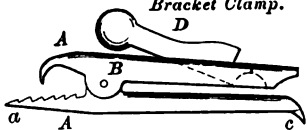
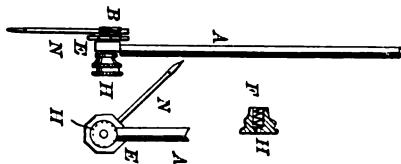
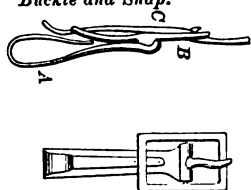
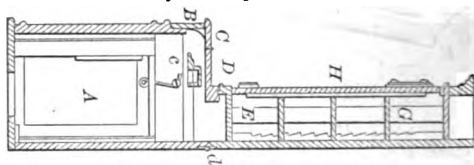
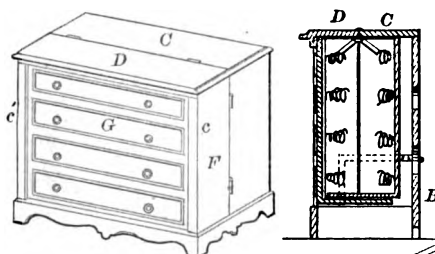
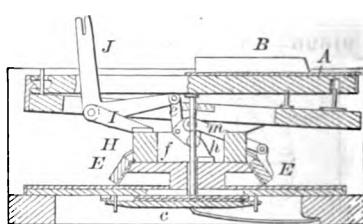
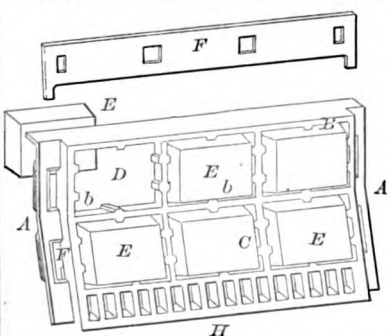
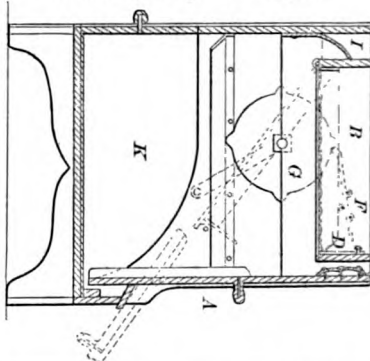
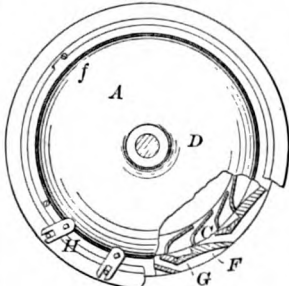
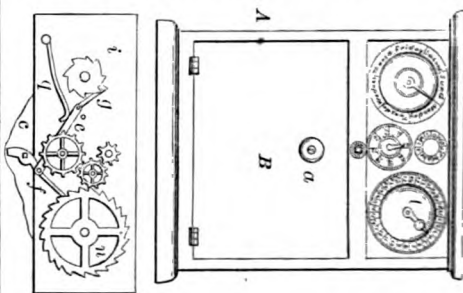
91679—L. A. Sinclair—  
Velocipede.



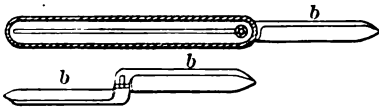
91681—A. Smith—Ellipsograph.



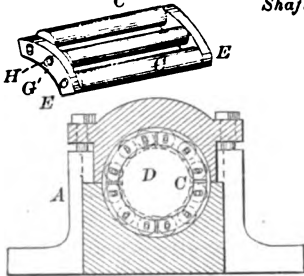


**91683**—Spaulding & Smith—*Bracket Clamp.***91684**—G. Stackpole—*Sewing Machine.***91685**—S. G. & W. E. Sturges—*Buckle and Snap.***91687**—S. Taylor—*Organ and Book Case.***91688**—D. Trefry—*Bureau Bedstead.***91686**—S. Taylor—*Organ and Melodeon.***91689**—C. Truesdale—*Fireplace Lining.***91692**—W. Vogel—*Ash Sifter.***91691**—J. W. Upham—*Water Wheel.***91690**—S. J. Tucker—*Writing Desk Calendar.*

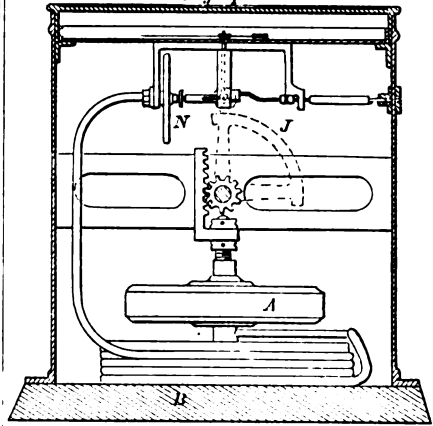
**91693—A. G. Waterhouse—Knife.**



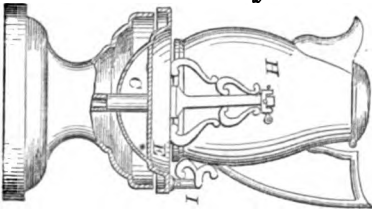
**91695—W. E. Wilcox—Roller for Shafting.**



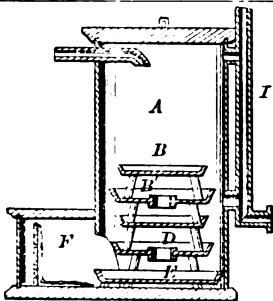
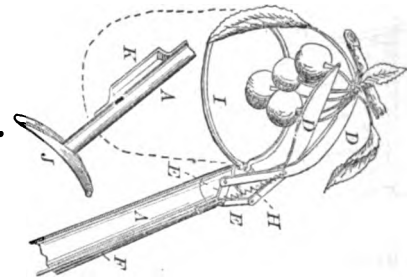
**91694—A. M. & M. A. Wier—Pneumatic Telegraph.**



**91696—I. Yeamans—Coffee Pot.**

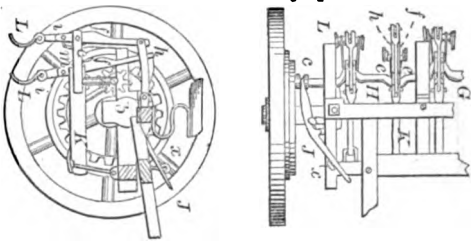


**91698—J. H. Adams—Fruit Picker.**

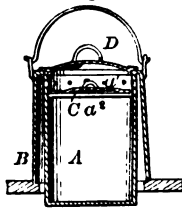


**91700—J. Armstrong—Feed Water Heater.**

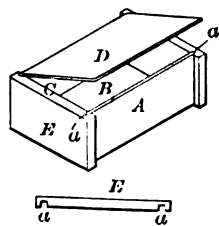
**91699—Adams & Sheetz—Hay Spreader.**



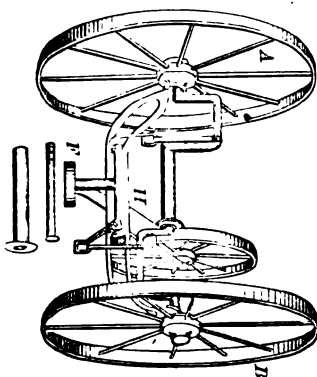
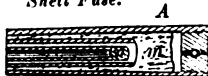
**91697—H. Zachgo—Culinary Vessel.**



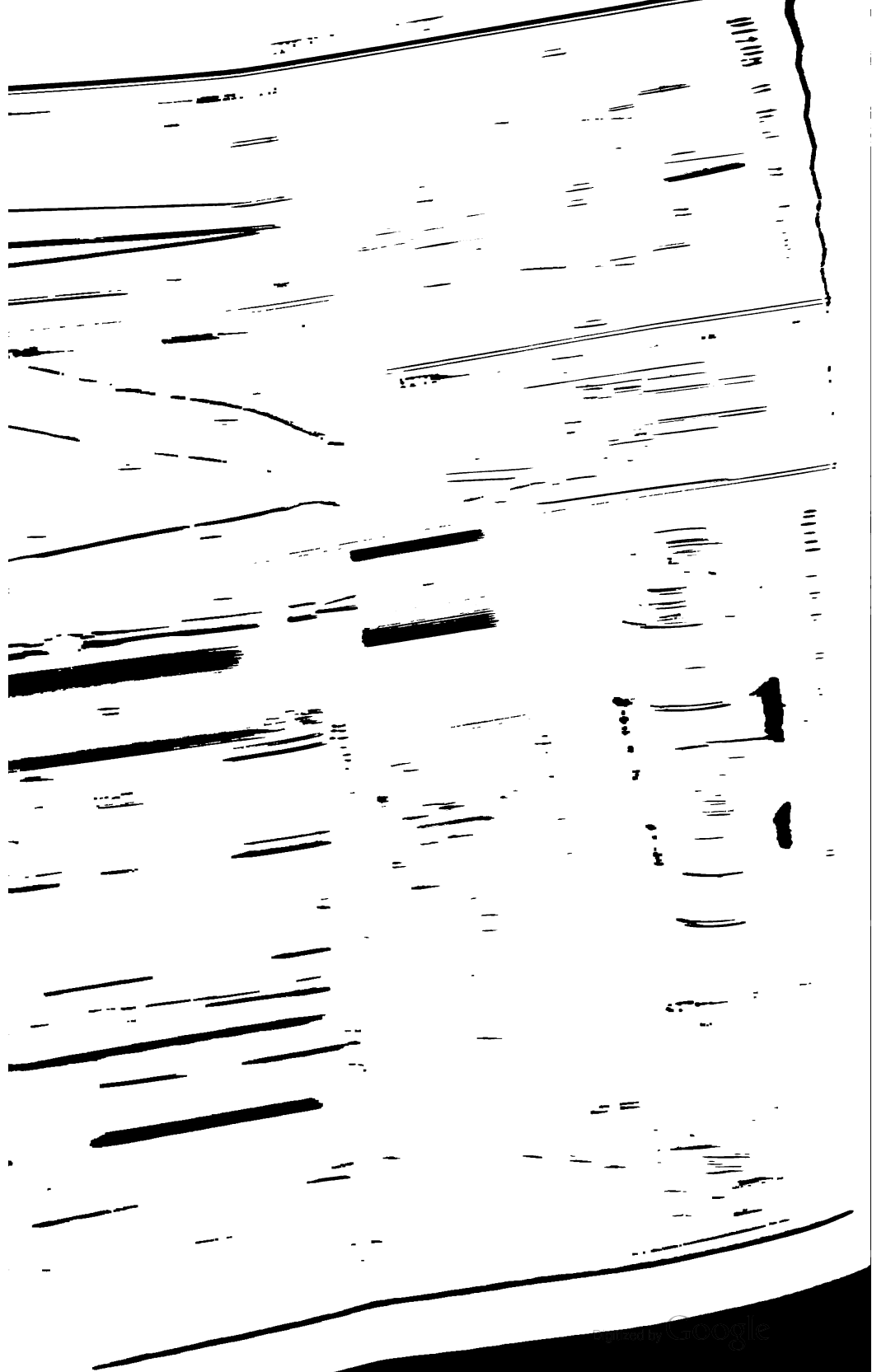
**91703—L. W. Beecher—Match Box.**



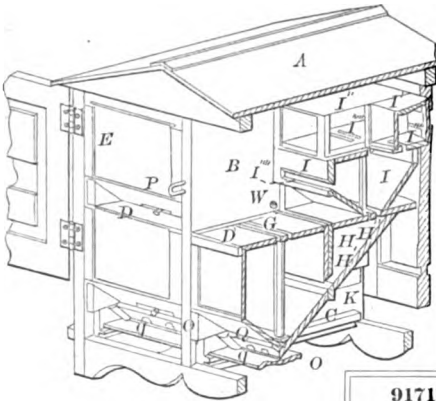
**91701—J. D. Bacon—Shell Fuse.**



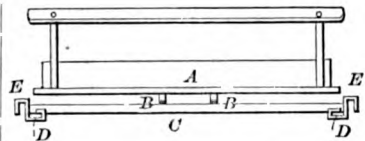
**91702—J. C. Beaumont—Bicycle.**



91712—G. Calvert—*Beehive.*



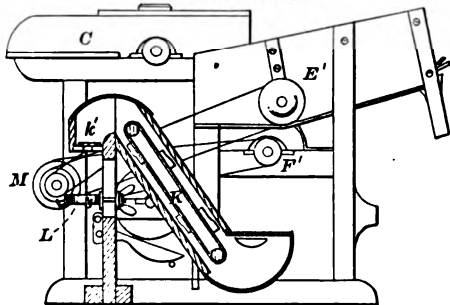
91714—I. H. Chappell—*Wagon Seat.*



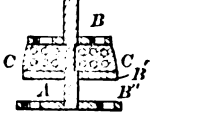
91716—W. Clemson—*Handle for Crosscut Saws.*



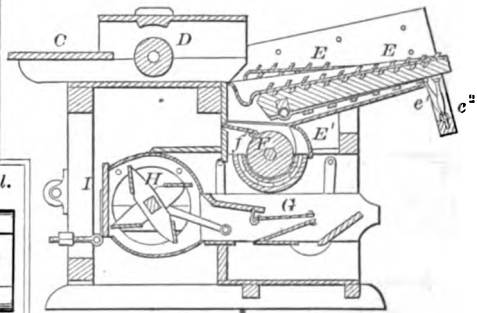
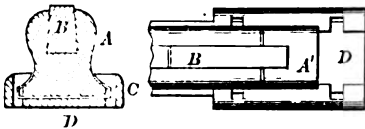
91717—A. Cornell—*Thresher, Separator and Clover Huller.*



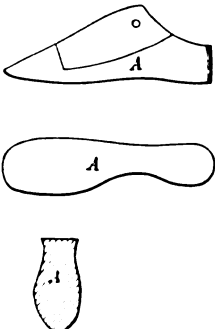
91715—Cheney & Ingalls—*Churn Dasher.*



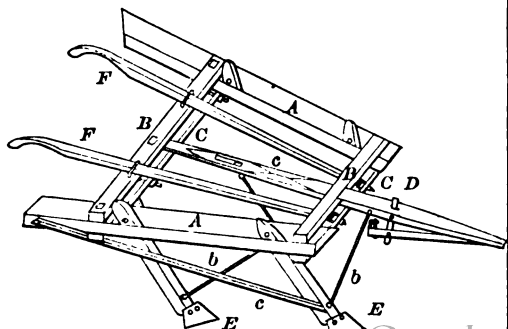
91719—J. F. Cranston—*Railway Rail.*

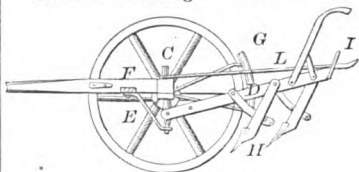
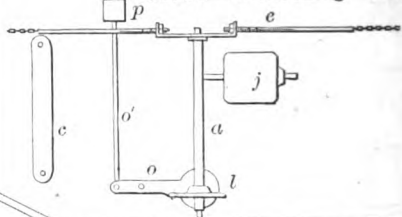
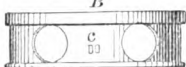
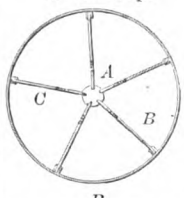
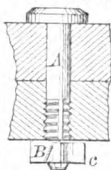
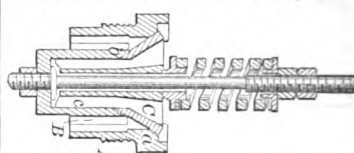
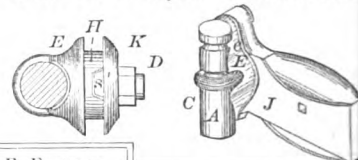
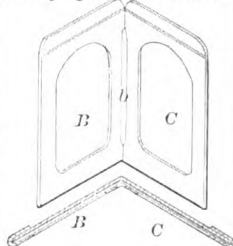
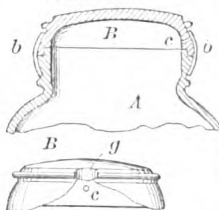
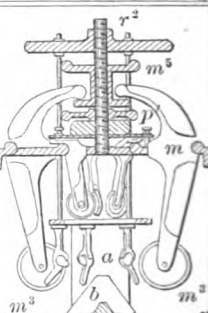
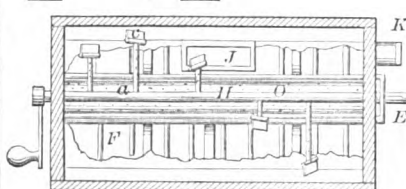
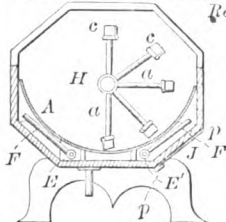
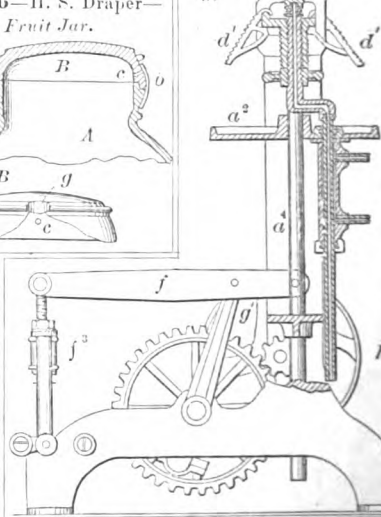


91720—C. O. Crosby—*Last.*

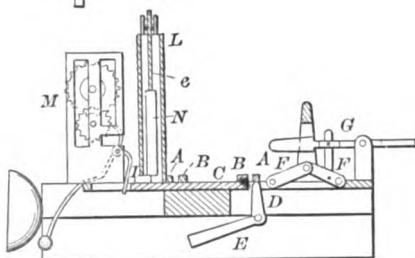
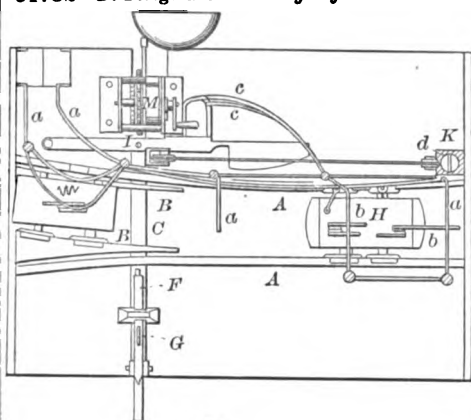


91718—R. D. Craft—*Cultivator.*

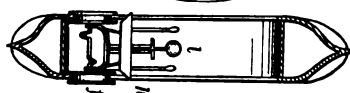
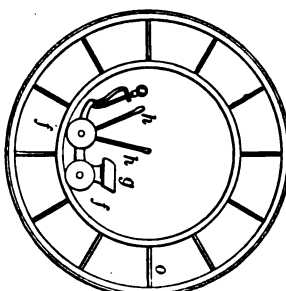
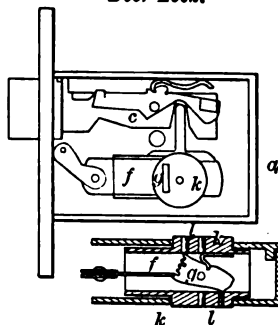


91721—Cummings & Childs—*Plow.*91723—L. S. Deming—*Gate.*91722—A. G. Davis—*Mouse Trap.*91724—L. L. Dewees—*Nut Lock.*91725—S. B. Dougherty—*Safety Valve.*91727—W. A. Dryden—*Cultivator Joint.*91728—W. E. Eastman—*Photographic Card Holder.*91726—H. S. Draper—*Fruit Jar.*91731—C. H. Farnham—*Feather Renovator.*91730—R. Hickmeyer—*Hat Stretching Machine.*

**91732—D. Fitzgerald—Railway Signal and Switch.**

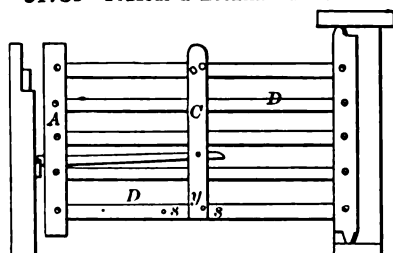


**91733—Fowler & Clements—Door Lock.**

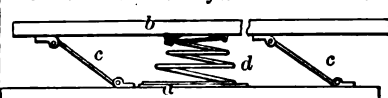


**91734—Frazer & Austin—Velocipede.**

**91735—Frazeur & Locklin—Gate.**



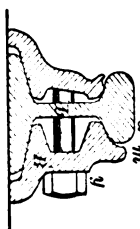
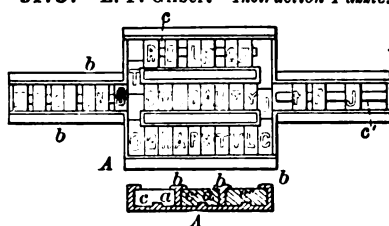
**91738—R. A. Goodyear—Bed Bottom.**



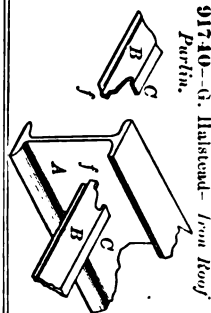
**91739—D. H. Gould—Water Wheel.**



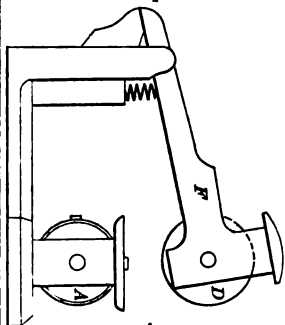
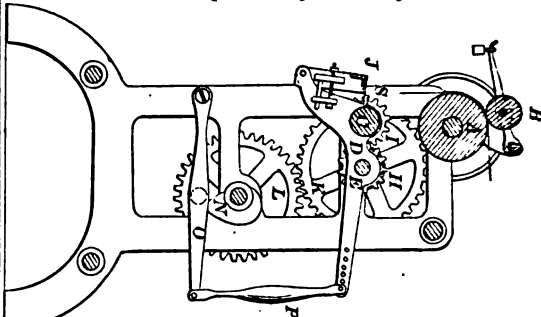
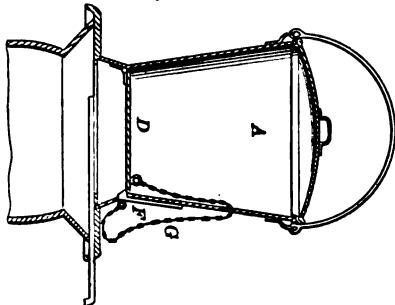
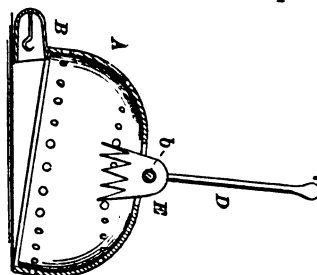
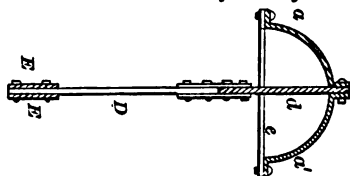
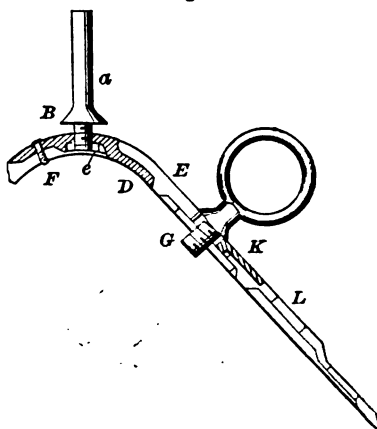
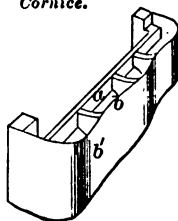
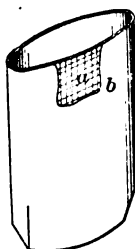
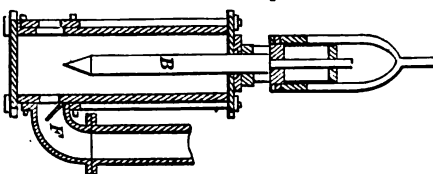
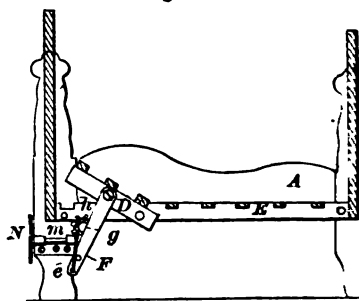
**91737—E. F. Gilbert—Instruction Puzzle.**



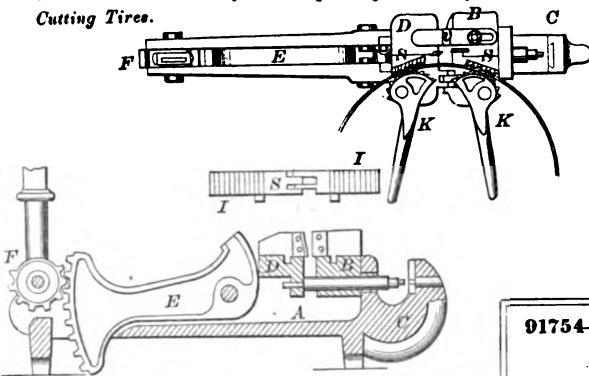
**91736—Fritz & Sayre—Railway Joint.**



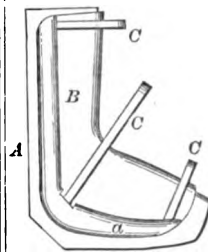
**91740—G. Halstead—Iron Roof Joint.**

91741—F. J. Hart—*Hand Stamp.*91742—J. Hatch—*Paper Cutting Machinery.*91743—L. Hayner—*Coul Bucket.*91744—C. Henert—*Animal Trap.*91745—J. G. Houshey—*Bridge.*91747—J. Hughes—*Harness Pad.*91746—C. W. Hill—*Window Curtain Cornice.*91748—A. Jamieson—*Paper Hug.*91750—W. F. Jones—*Pump.*91749—Jennings & Bounds—*Bedstead.*

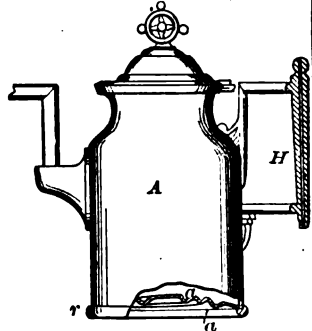
**91752—Jordon & Doty—For Upsetting, Punching and Cutting Tires.**



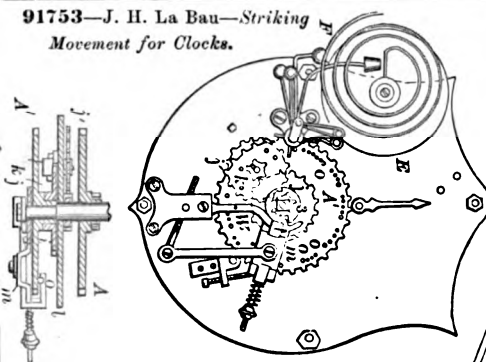
**91756—C. Lomax—Boot Crimp.**



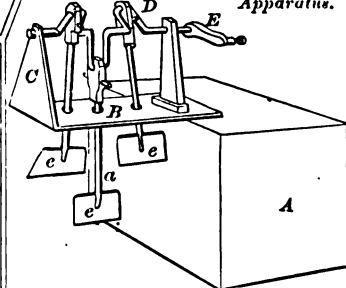
**91754—N. Lawrence—Coffee Pot.**



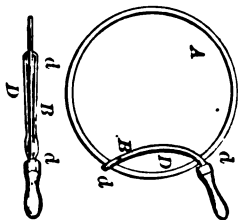
**91753—J. H. La Bau—Striking Movement for Clocks.**



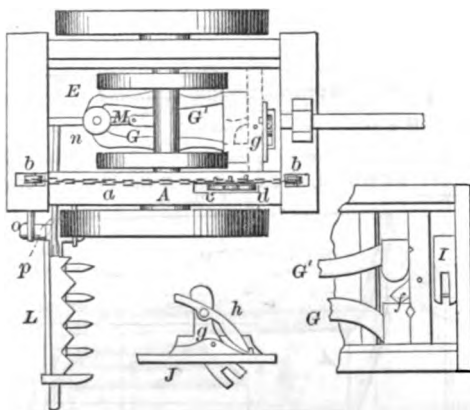
**91760—L. Moody—Propelling Apparatus.**



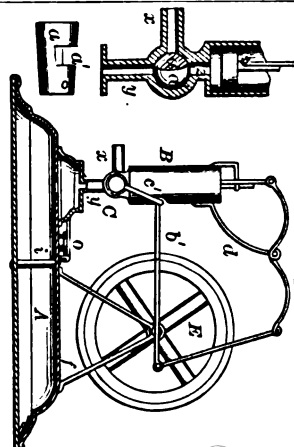
**91765—E. Lindholm—Guide Hoisting Hoop.**



**91757—G. G. Lyman—Harvester.**

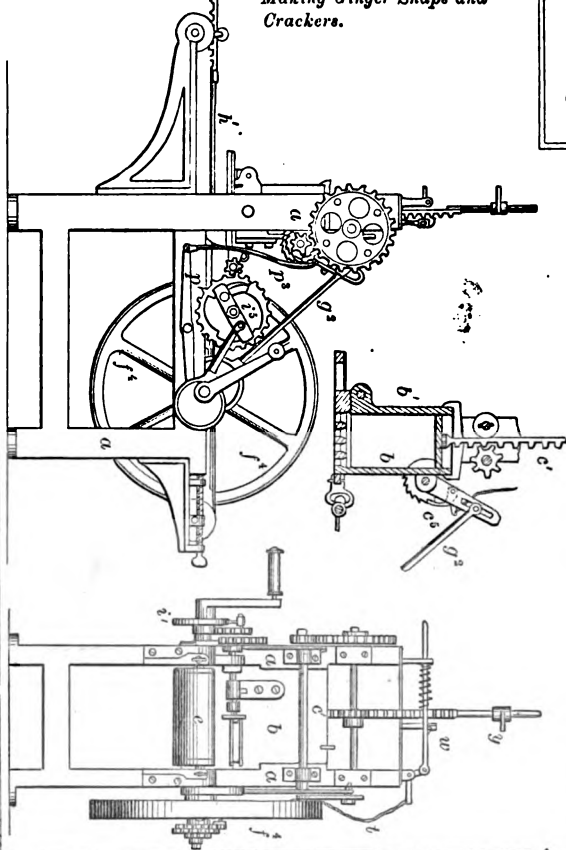


**91758—P. Macy—Toy Steam Engine.**





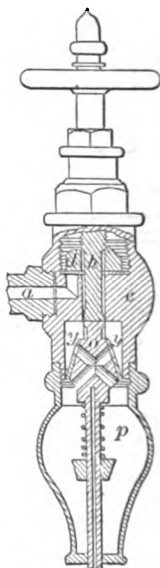
**91759—McCollum & Parr—For Making Ginger Snaps and Crackers.**



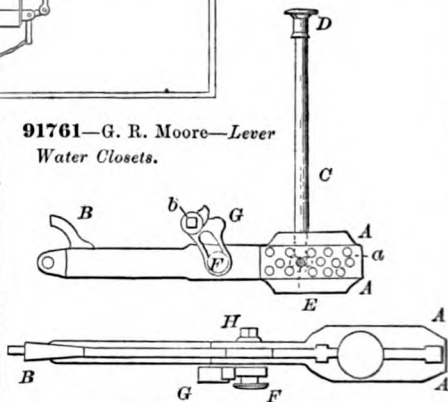
**91762—H. W. Moore—Car Wheel.**



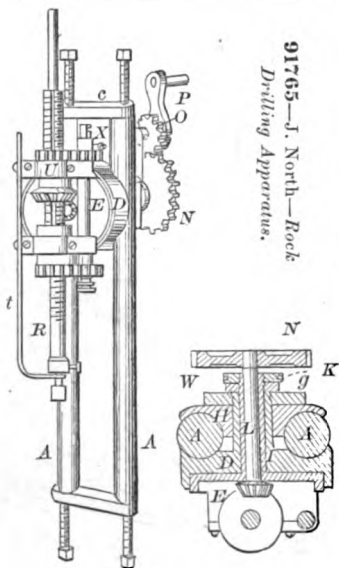
**91763—A. J. Morse—Draught Cock.**



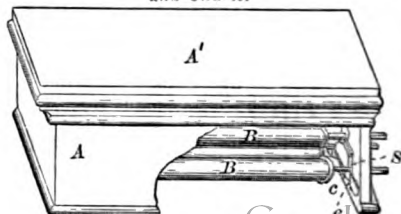
**91761—G. R. Moore—Lever Water Closets.**



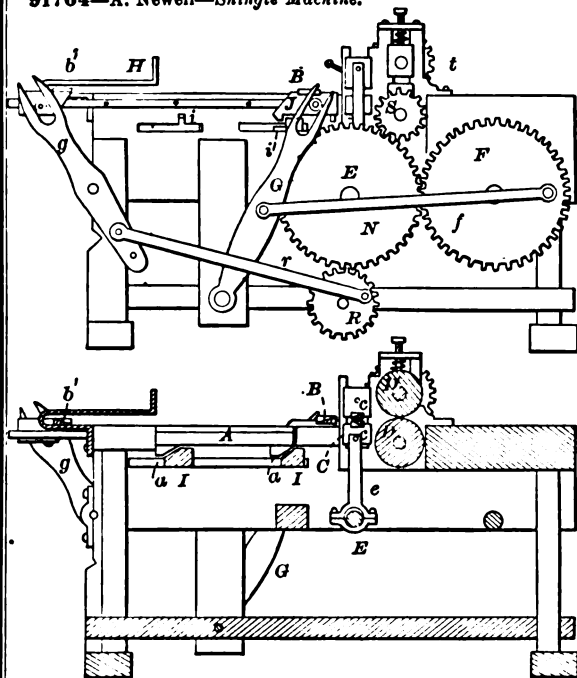
**91765—J. North—Rock Drilling Apparatus.**



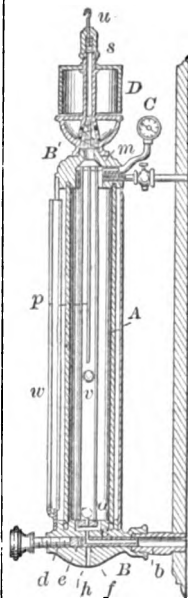
**91766—J. S. Ostrander—Roller Case for Maps and Charts.**



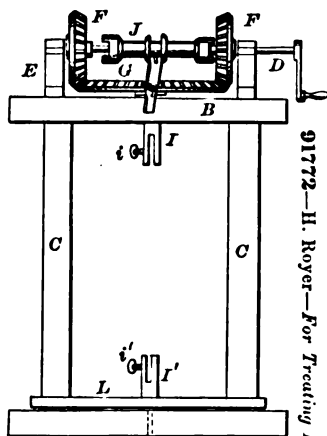
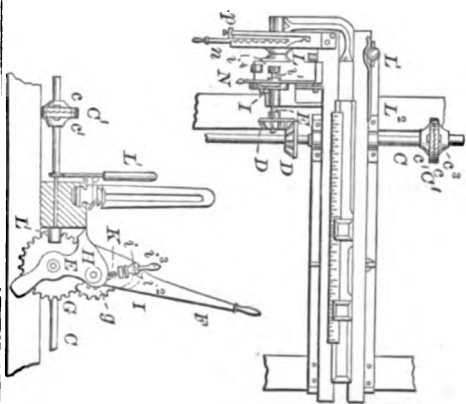
91764—A. Newell—Shingle Machine.



91769—E. D. Pritchard—Low Water Indicator.

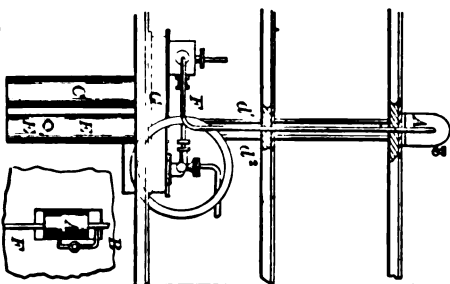


91767—D. Parkhurst—Head Block for Saw Mills.

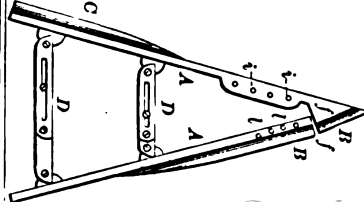


91772—H. Royer—For Treating Hides.

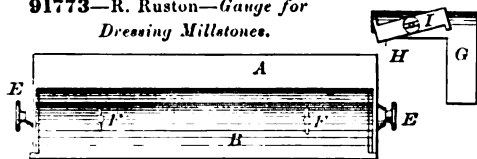
91770—F. Ransom—Condenser.



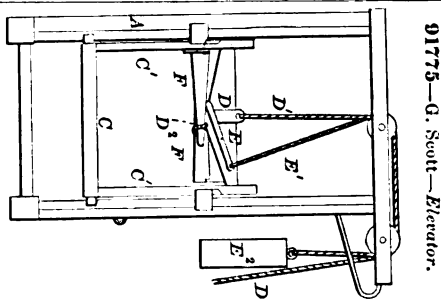
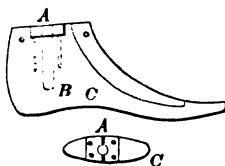
91771—W. Robbins—Ditcher.



**91773**—R. Ruston—Gauge for Dressing Millstones.

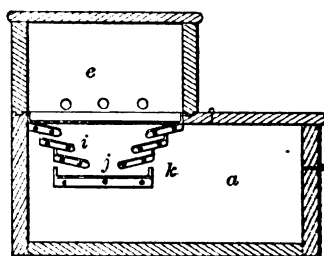


**91774**—I. N. C. Saville—Last.

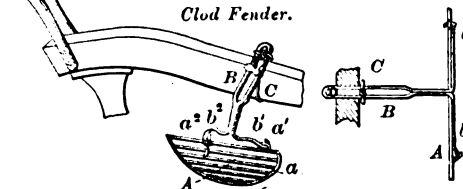


**91775**—G. Scott—Elevator.

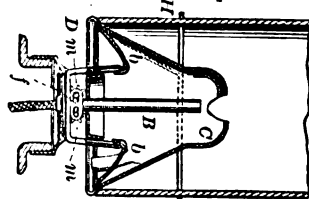
**91776**—F. S. Sears—Butter Chest.



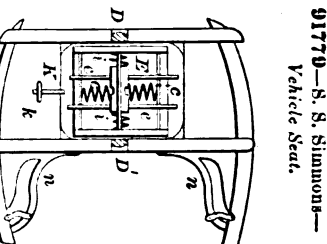
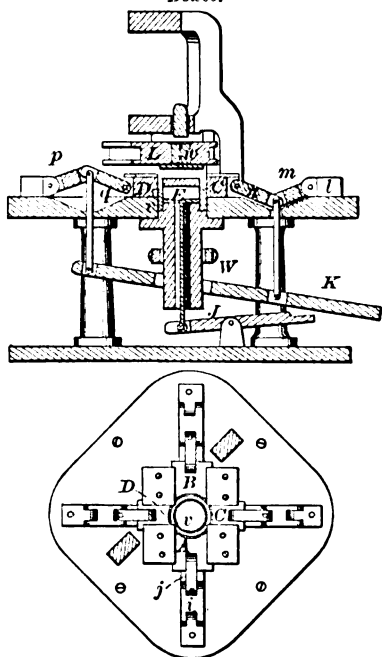
**91777**—Seeger, Loveless & Throp—Clod Fender.



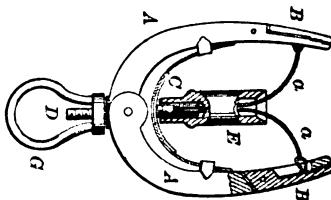
**91778**—F. Shaller—Lamp Burner.



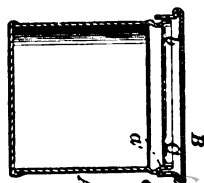
**91780**—R. Smith—For Finishing Paper Boxes.



**91770**—S. S. Simmons—Vehicle Seat.

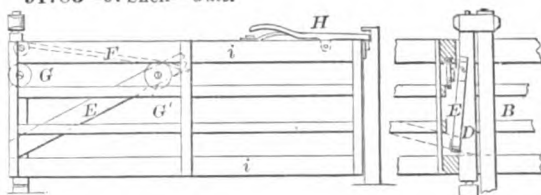


**91781**—A. J. Smith—Lasting Iron.

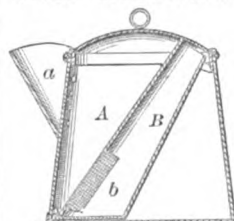


**91782**—H. K. Smyser—Spice Box.

91783—J. Snell—Gate.

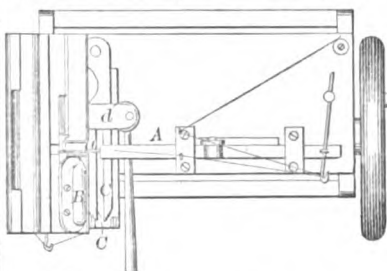


91787—T. B. & J. Stout—

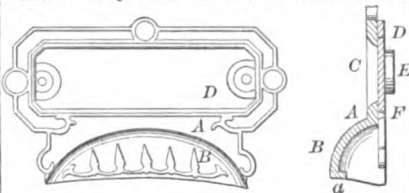


Coffee and Tea Pot.

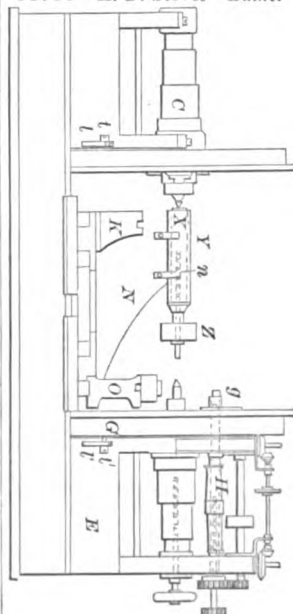
91784—G. Stackpole—For Sewing Brooms.



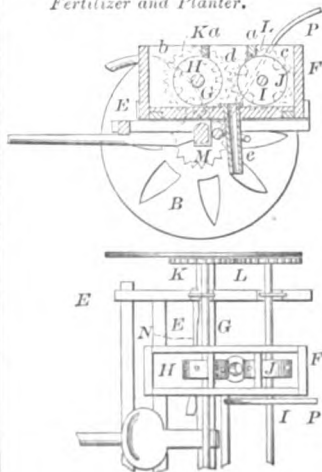
91810—J. Quinlan—Drawer Pull and Label.



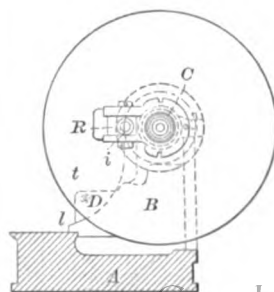
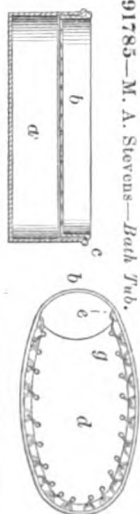
91788—H. D. Stover—Lathe.



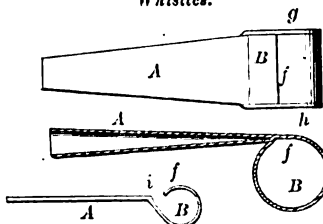
91786—J. M. Stoner—Corn Fertilizer and Planter.



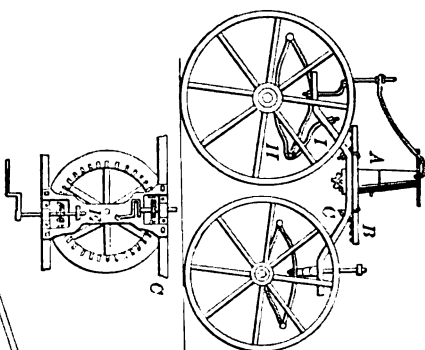
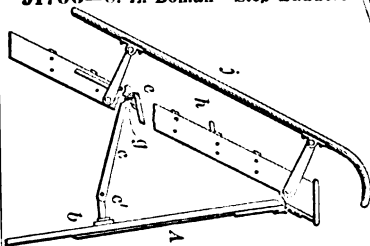
91785—M. A. Stevens—Bath Tub.



**91704—A. S. Bird—Steam and other Whistles.**

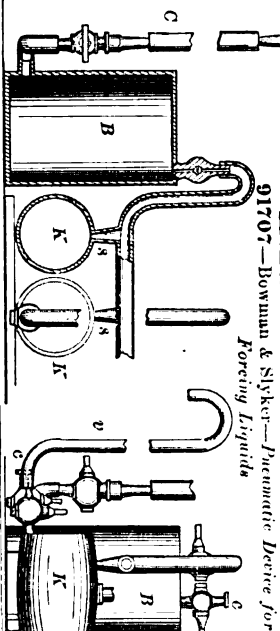
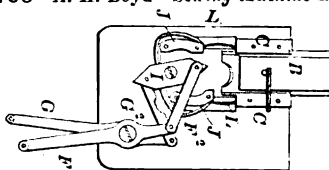


**91706—C. E. Boman—Step Ladder.**



**91705—W. Hoate—Horse Carriage.**

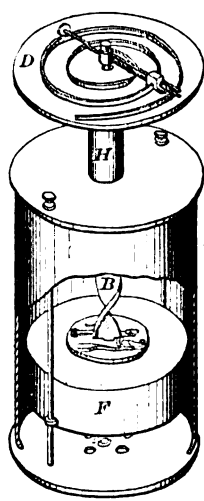
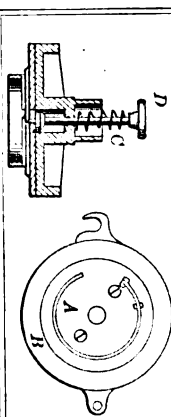
**91708—A. H. Boyd—Sewing Machine Braider.**



**91707—Bowman & Snyker—Pneumatic Device for Forcing Liquids.**

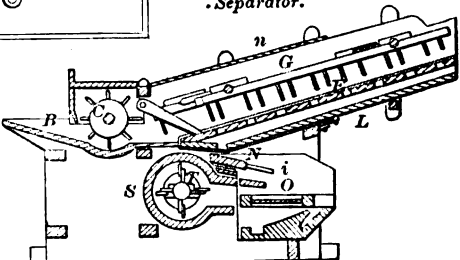


**91709—L. Breed—Fire Extinguisher.**

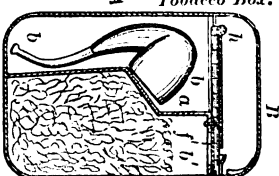


**91711—J. R. Darville—Hydrostatic Scale for Weighing Cargo.**

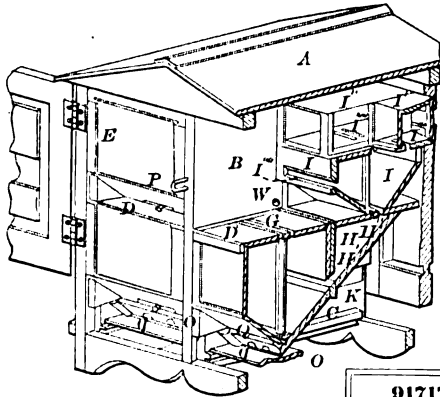
**91710—J. Brightbill—Grain Separator.**



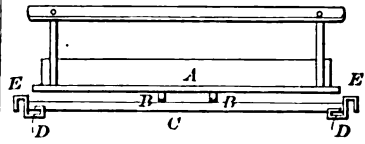
**91713—L. G. Carr—Pipe and Tobacco Box.**



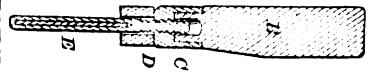
91712—G. Calvert—*Beehive.*



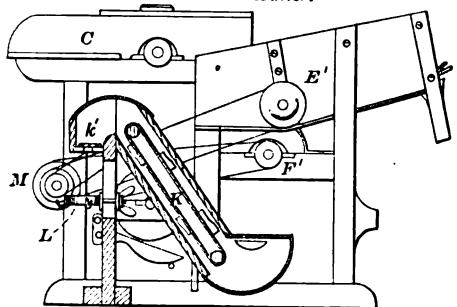
91714—I. H. Chappell—*Wagon Seat.*



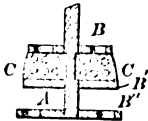
91716—W. Clemons—*Handle for Crosscut Saws.*



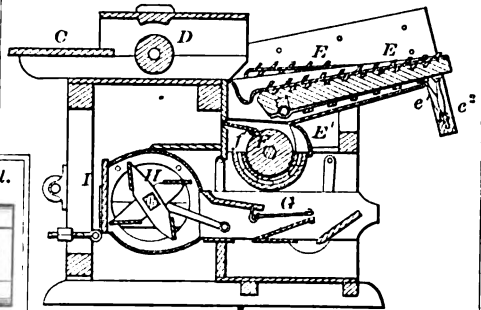
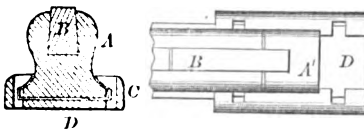
91717—A. Cornell—*Thresher, Separator and Clover Huller.*



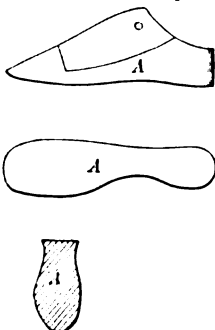
91715—Cheney & Ingalls—*Churn Dasher.*



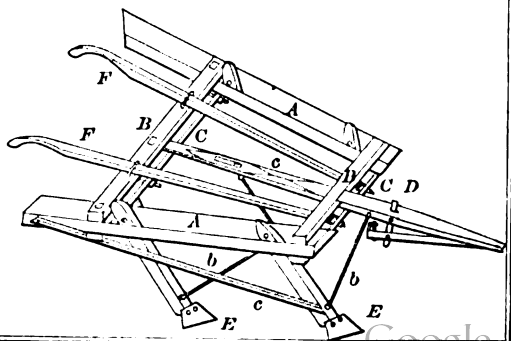
91719—J. F. Cranston—*Railway Rail.*

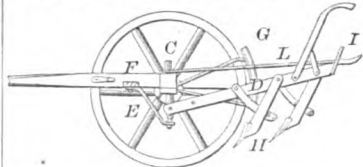
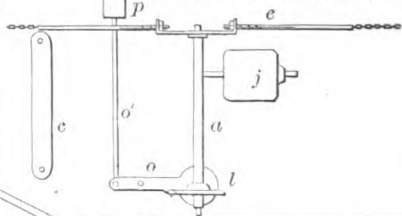
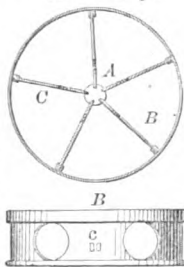
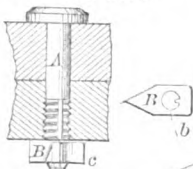
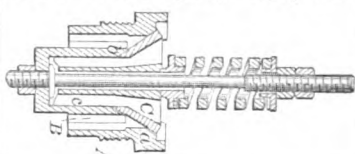
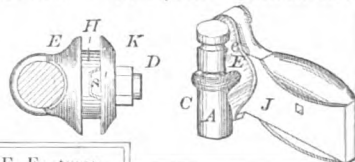
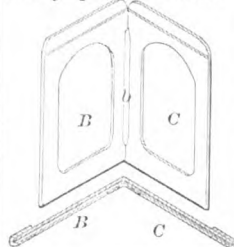
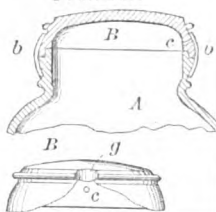
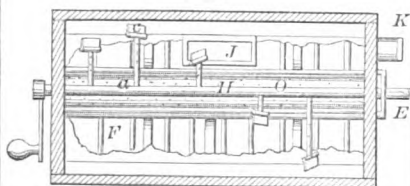
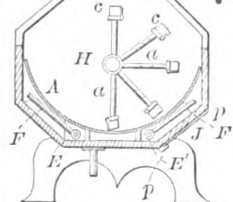
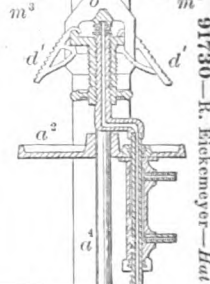
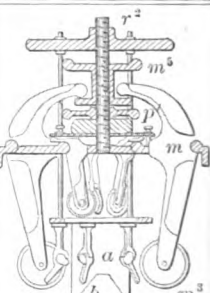
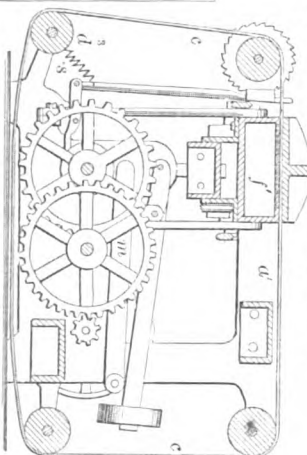
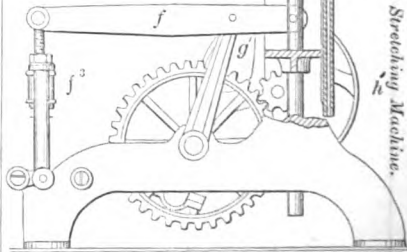


91720—C. O. Crosby—*Last.*

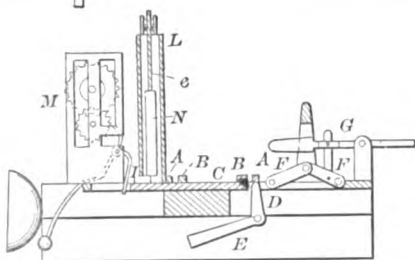
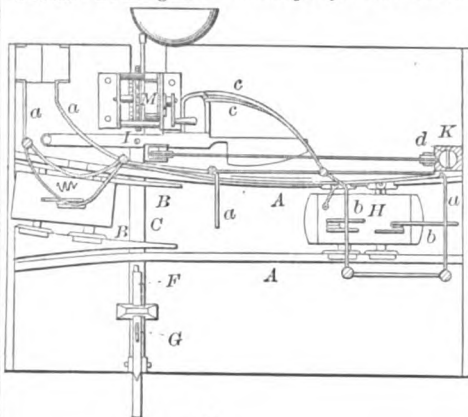


91718—R. D. Craft—*Cultivator.*

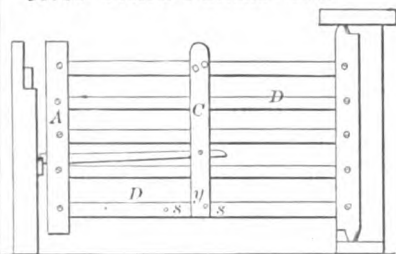


91721—Cummings & Childs—*Plow.*91723—L. S. Deming—*Gate.*91722—A. G. Davis—*Mouse Trap.*91724—L. L. Deweese—*Nut Lock.*91725—S. B. Dougherty—*Safety Valve.*91727—W. A. Dryden—*Cultivator Joint.*91728—W. E. Eastman—*Photographic Card Holder.*91726—H. S. Draper—*Fruit Jar.*91731—C. H. Farnham—*Feather Renovator.*91729—R. Eickemeyer—*Fitting Machine.*91730—R. Eickemeyer—*Hat Stretching Machine.*

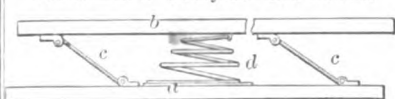
91732—D. Fitzgerald—Railway Signal and Switch.



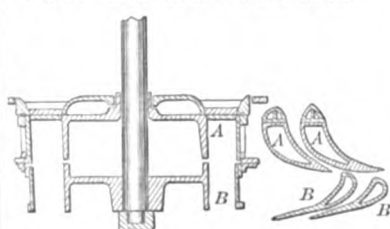
91735—Frazeur & Locklin—Gate.



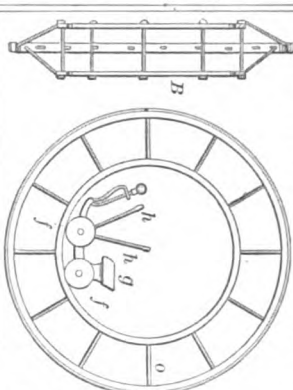
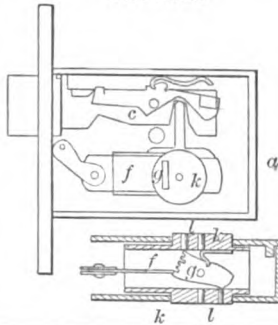
91738—R. A. Goodyear—Bed Bottom.



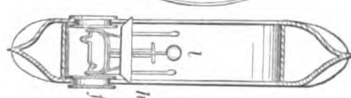
91739—D. H. Gould—Water Wheel.



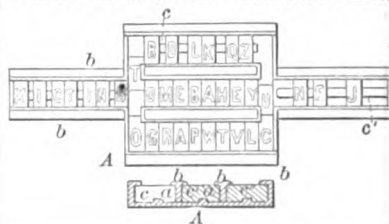
91733—Fowler & Clements—Door Lock.



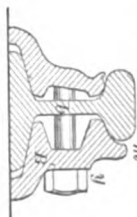
91734—Fraser & Austin—Velocipede.



91737—E. F. Gilbert—Instruction Puzzle.



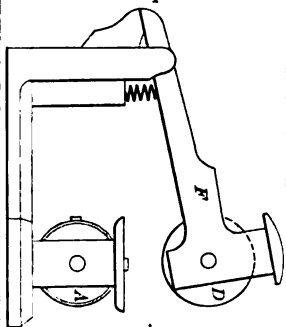
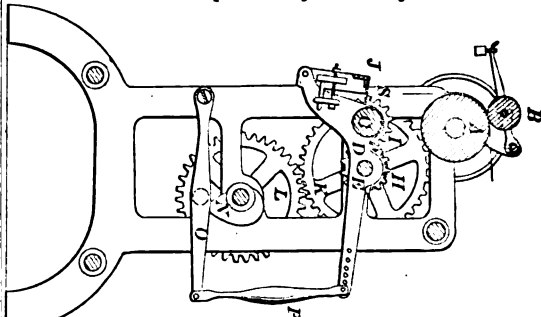
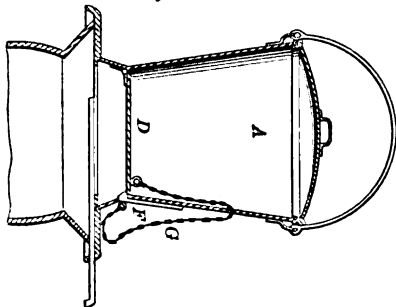
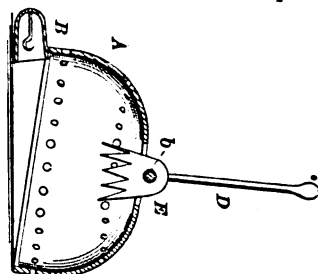
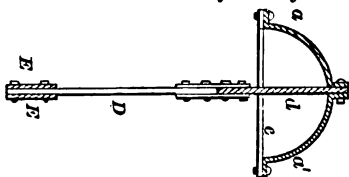
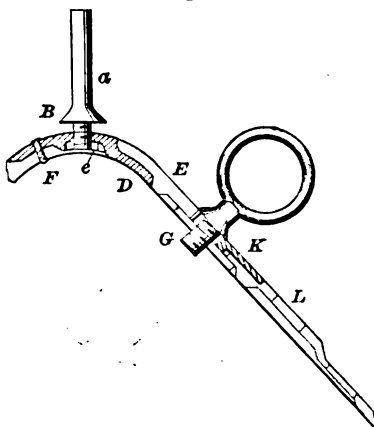
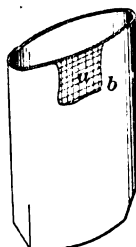
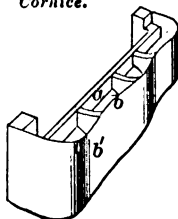
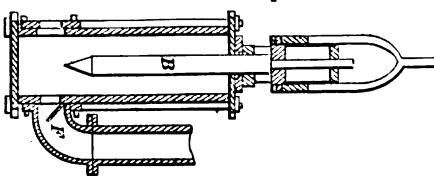
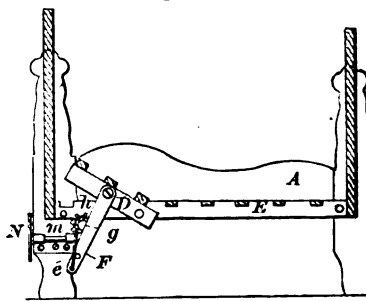
91736—Fritz & Sayre—Railway Rail Joint.



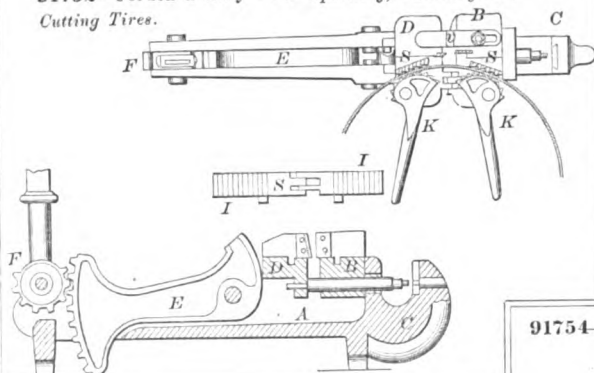
91740—G. Haisstead—Iron Roof Partin.



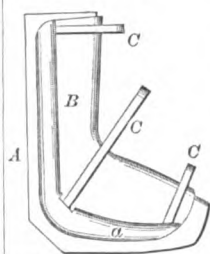


91741—F. J. Hart—*Hand Stamp.*91742—J. Hatch—*Paper Cutting Machinery.*91743—L. Hayner—*Coul Bucket.*91744—C. Henert—*Animal Trap.*91745—J. G. Heuszey—*Bridge.*91747—J. Hughes—*Harness Pad.*91746—C. W. Hill—*Window Curtain Cornice.*91748—A. Jamieson—*Paper Bag.*91750—W. F. Jones—*Pump.*91749—Jennings & Bounds—*Bedstead.*

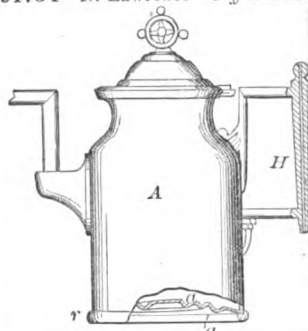
**91752**—Jordon & Doty—For Upsetting, Punching and Cutting Tires.



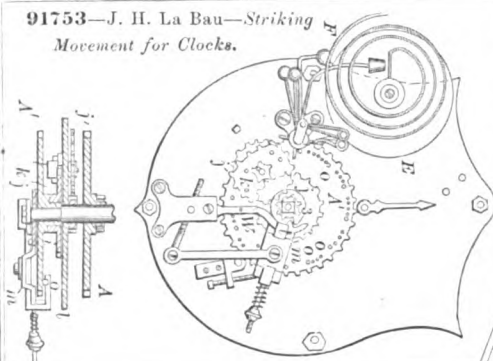
**91756**—C. Lomax—Boot Crimp.



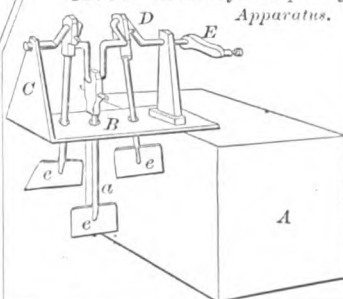
**91754**—N. Lawrence—Coffee Pot.



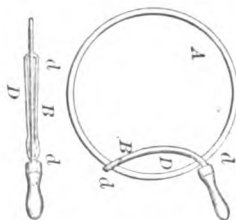
**91753**—J. H. La Bau—Striking Movement for Clocks.



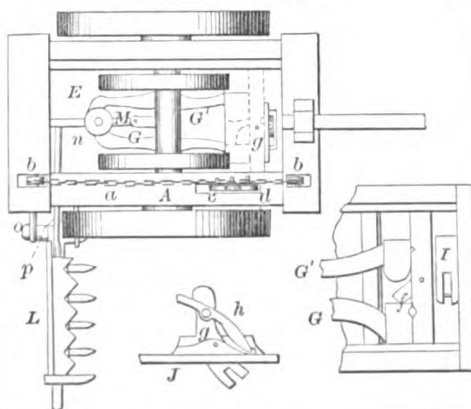
**91760**—L. Moody—Propelling Apparatus.



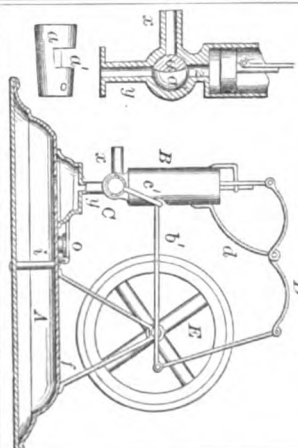
**91755**—E. Lindholm—Guide Rolling Hoop.



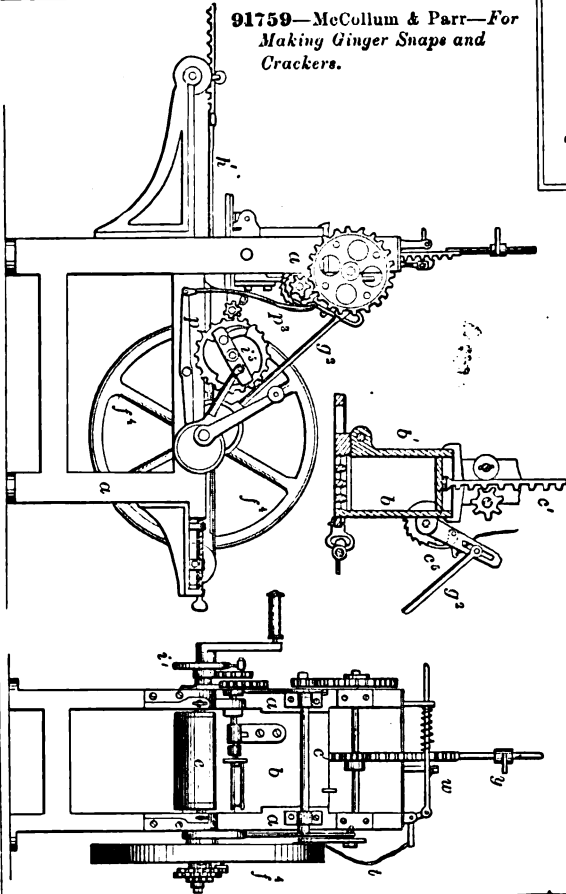
**91757**—G. G. Lyman—Harvester.



**91758**—P. Macy—Toy Steam Engine.



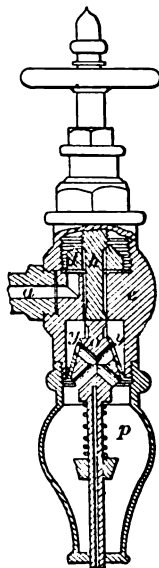
**91759—McCullum & Parr—For Making Ginger Snaps and Crackers.**



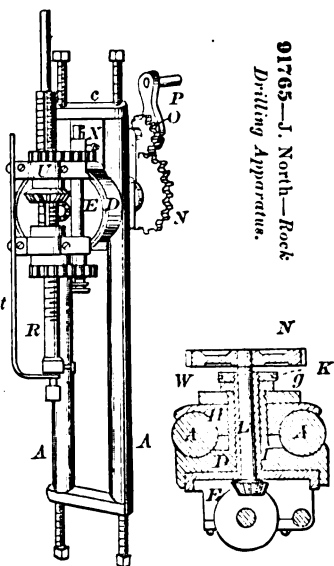
**91762—H. W. Moore—Car Wheel.**



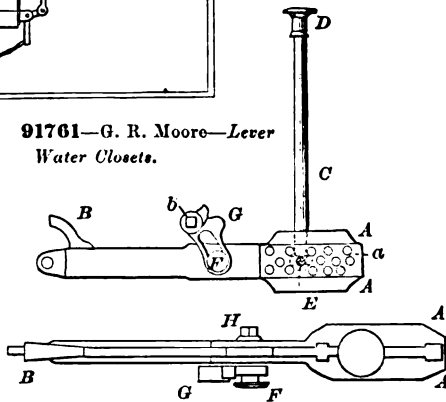
**91763—A. J. Moore—Draught Cock.**



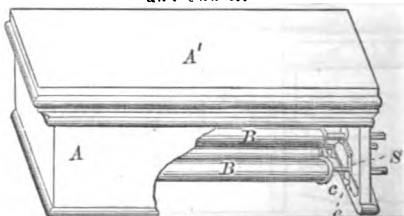
**91765—J. North—Rock Drilling Apparatus.**



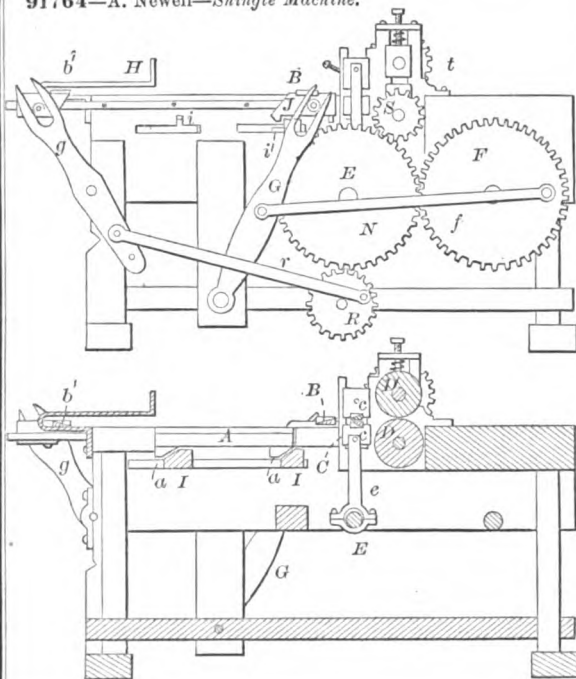
**91761—G. R. Moore—Lever Water Closets.**



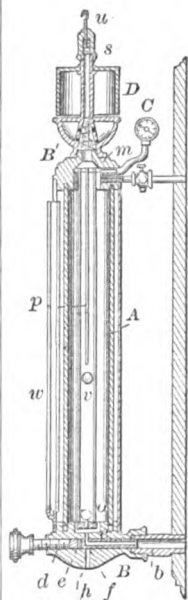
**91766—J. S. Ostrander—Roller Case for Maps and Charts.**



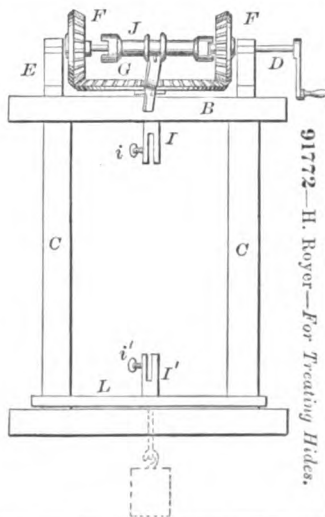
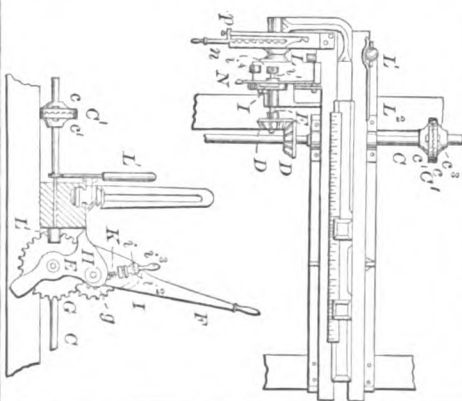
91764—A. Newell—Shingle Machine.



91769—E. D. Pritchard—Low Water Indicator.

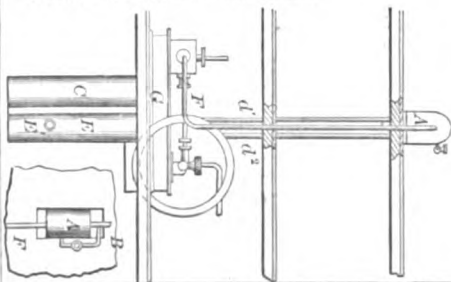


91767—D. Parkhurst—Head Block for Saw Mills.

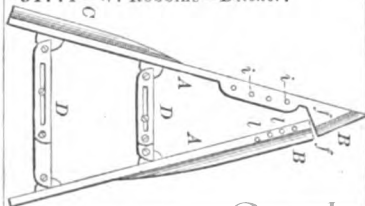


91772—H. Royer—For Treating Hides.

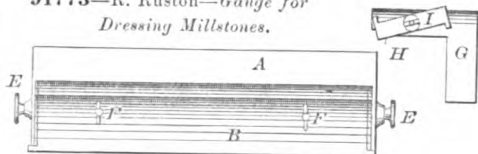
91770—F. Radsom—Condenser.



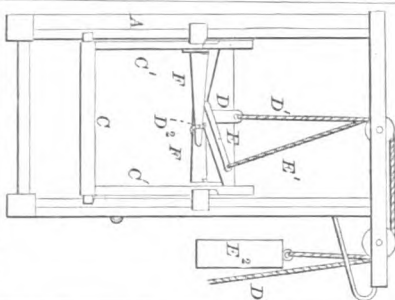
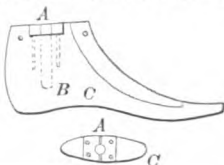
91771—W. Robbins—Ditcher.



91773—R. Ruston—*Gauge for Dressing Millstones.*

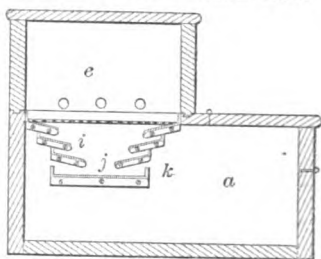


91774—I. N. C. Saville—*Last.*

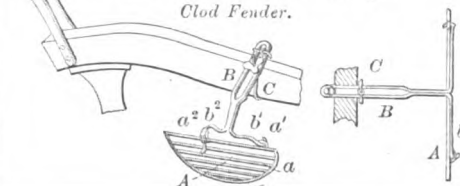


91775—G. Scott—*Elevator.*

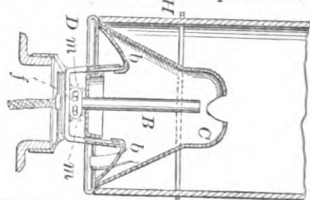
91776—F. S. Sears—*Butter Chest.*



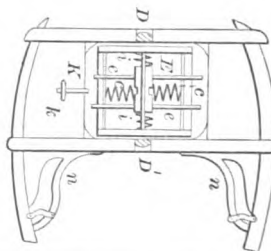
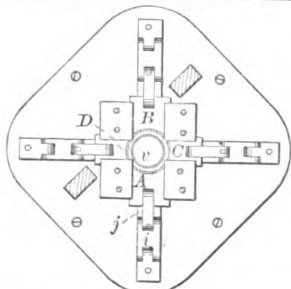
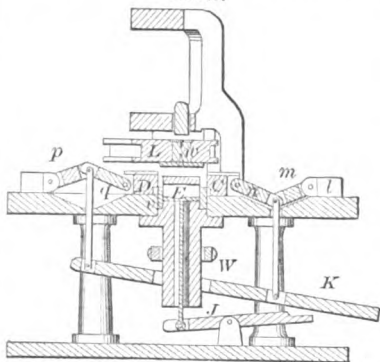
91777—Seeger, Loveless & Throp—*Clod Fender.*



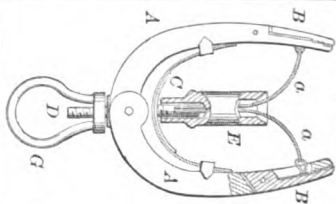
91778—F. Shaller—*Lamp Burner.*



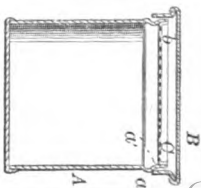
91780—R. Smith—*For Finishing Paper Boxes.*



91779—S. S. Simmons—*Vehicle Seat.*

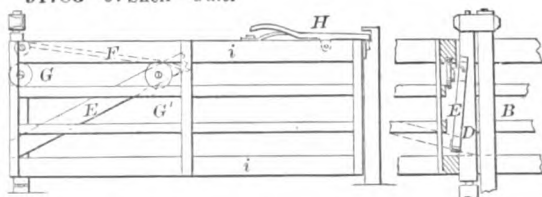


91781—A. J. Smith—*Lasting Iron.*

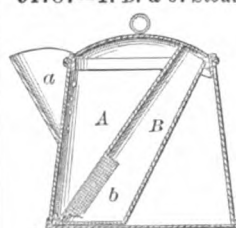


91782—H. E. Smyer—*Spice Box.*

91783—J. Snell—Gate.

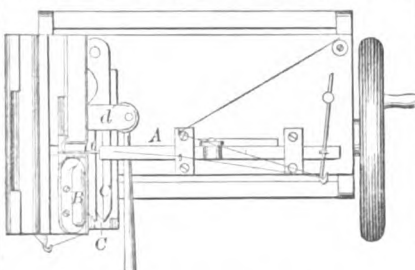


91787—T. B. & J. Stout—

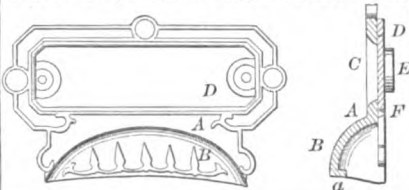


Coffee and Tea Pot.

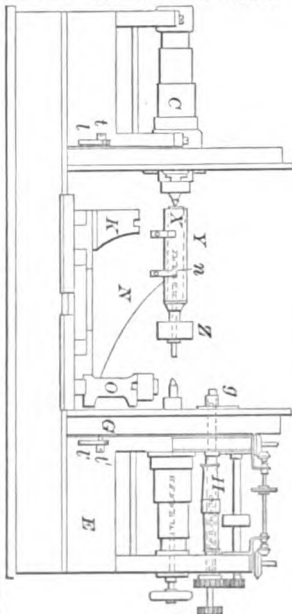
91784—G. Stackpole—For Sewing Brooms.



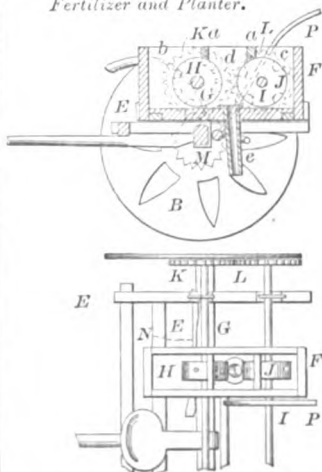
91810—J. Quinlan—Drawer Pull and Label.



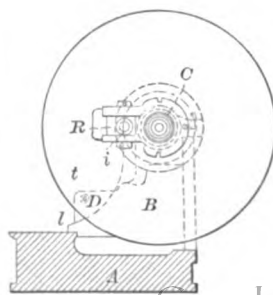
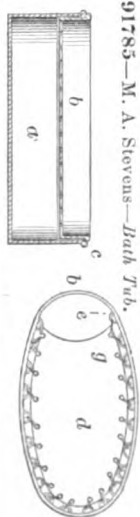
91788—H. D. Stover—Lathe.



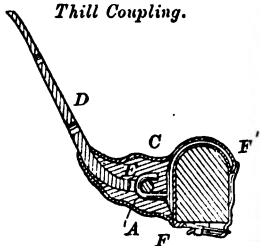
91786—J. M. Stoner—Corn Fertilizer and Planter.



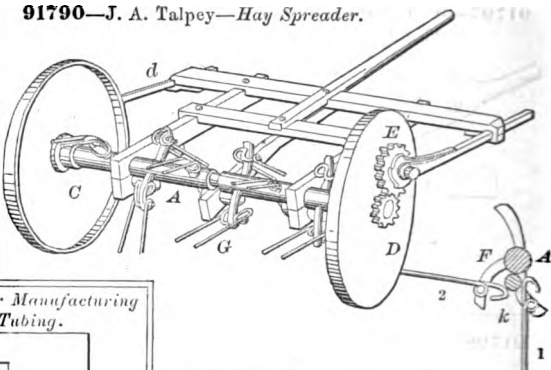
91785—M. A. Stevens—Bath Tub.



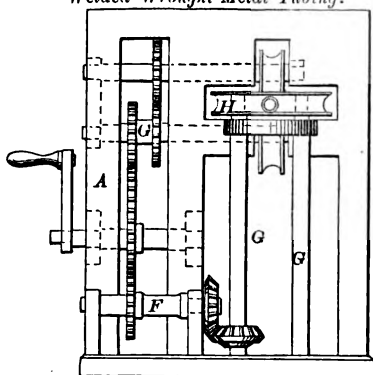
**91789—O. Tackmann—**  
*Thill Coupling.*



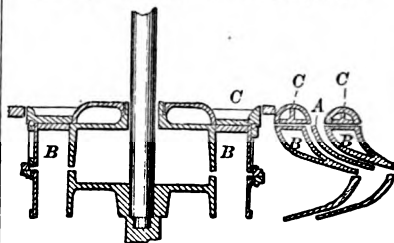
**91790—J. A. Talpey—Hay Spreader.**



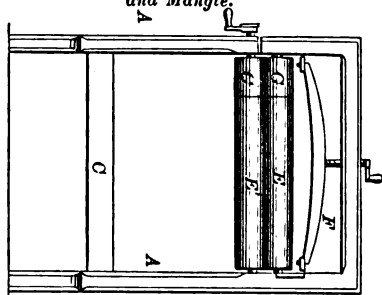
**91791—S. P. M. Tasker—For Manufacturing**  
*Welded Wrought Metal Tubing.*



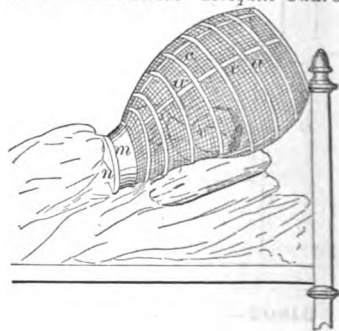
**91792—S. Teachout—Water Wheel.**



**91794—B. O. Thompson—Clothes Wringer**  
*and Mangle.*



**91793—R. Themar—Mosquito Guard.**



**91795—F. M. Untiedt—**  
*Chopping Knife.*

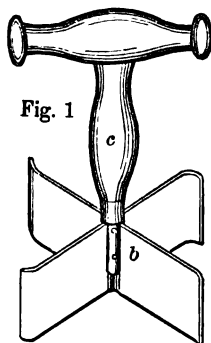
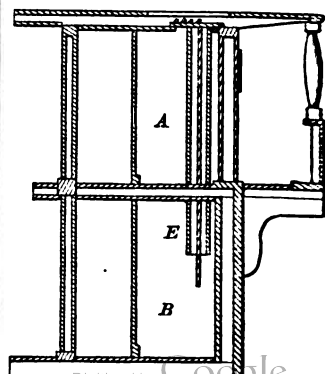
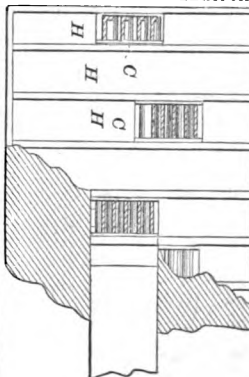
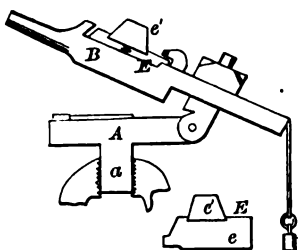


Fig. 1

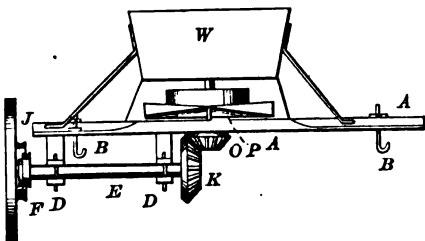
**91796—W. W. Vanderbilt—Ship Ventilator.**



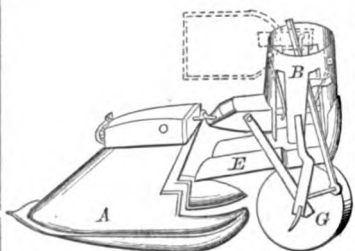
**91797**—W. T. Vann—*Horseshoe Nail Pointer.*



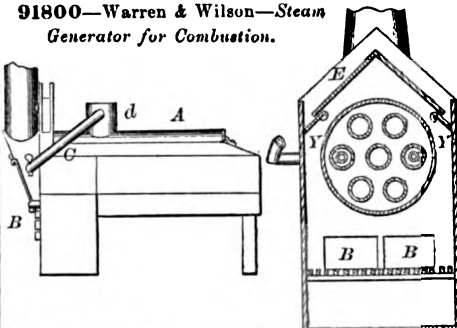
**91799**—T. Vreeland—*Seed Sower.*



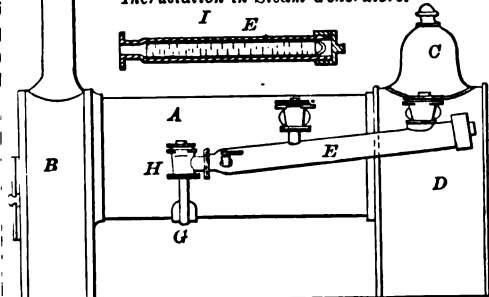
**91798**—L. Van Wie—*Potato Planter.*



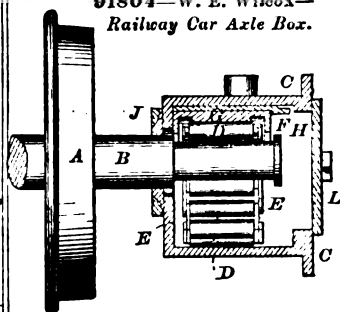
**91800**—Warren & Wilson—*Steam Generator for Combustion.*



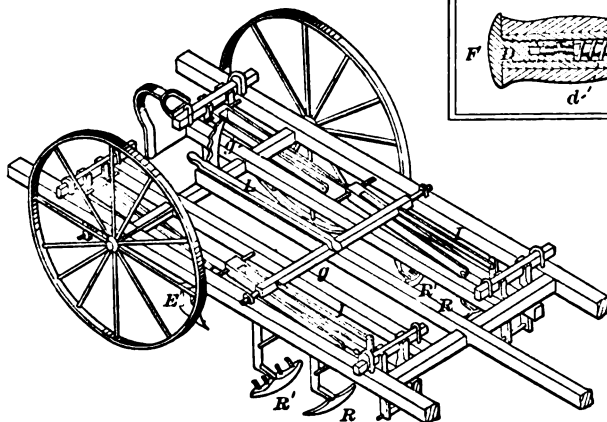
**91801**—J. Webster—*For Preventing Incrustation in Steam Generators.*



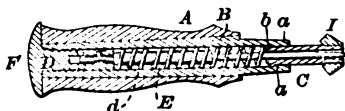
**91804**—W. E. Wilcox—*Railway Car Axle Box.*



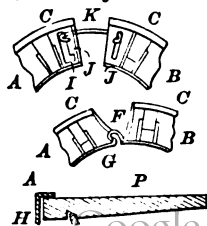
**91802**—W. J. Wells—*Cultivator.*



**91806**—N. Woodbury—*Centreing Axl.*

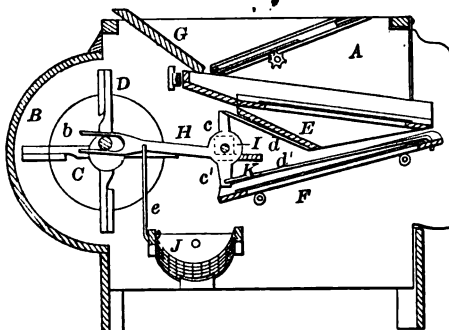


**91803**—H. Whitney—*Detachable Stove Pipe Clothes Dryer.*

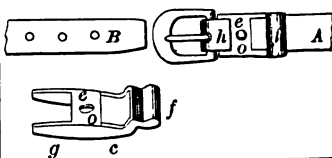




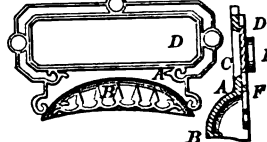
91805—Wirts &amp; Swift—Grain Separator.



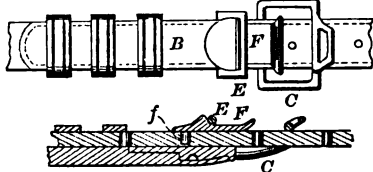
91809—A. Worster—Harness Loop.



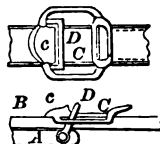
91810—J. Quinlan—Drawer Pull and Label.



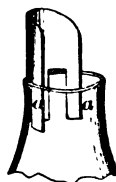
91807—A. Worster—Trace Buckle.



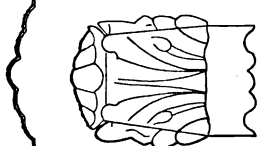
91808—A. Worster—Trace Buckle.



91812—J. M. Aubrey—Lamp Light Extinguisher.

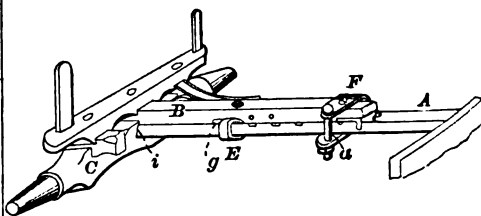


91813—H. Baeuerle—

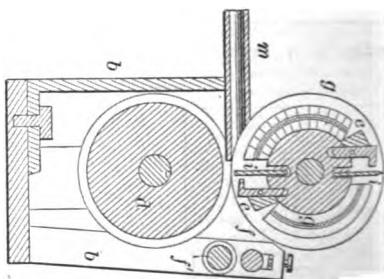


Constructing Architectural  
Ornaments of Sheet Metal.

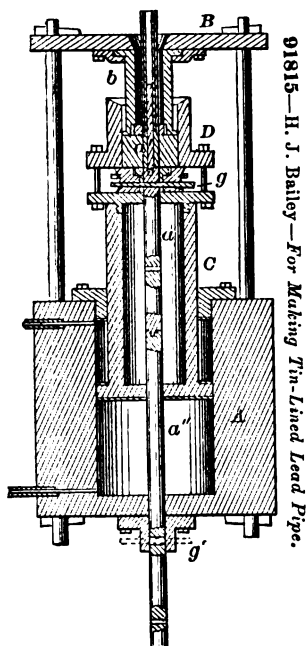
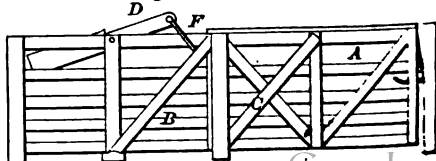
91811—J. P. Allensworth—Wagon Coupling.



91814—H. J. Bailey—For Preparing Bar Lead.

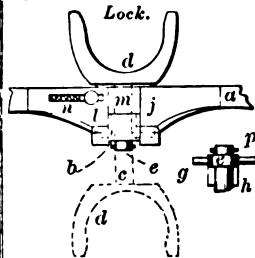


91816—J. Baughman—Gate.

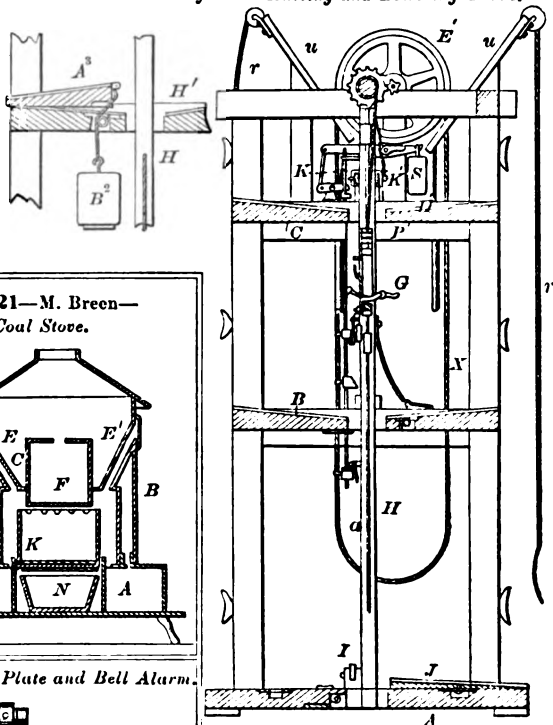


91815—H. J. Bailey—For Making Tin-Lined Lead Pipe.

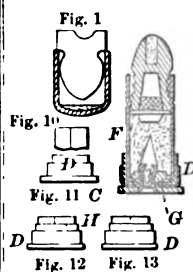
91817—W. E. Beman—Oar Lock.



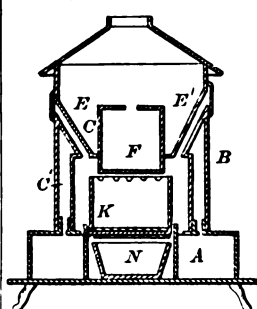
91819—W. Bradbury—For Raising and Lowering Goods.



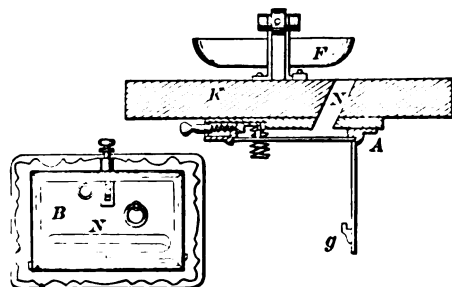
91818—E. M. Boxer—Cartridge.



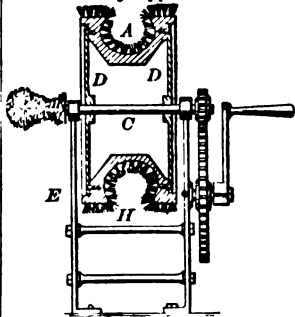
91821—M. Breen—Coal Stove.



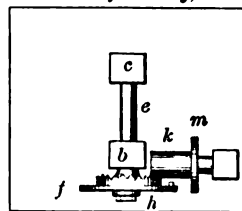
91820—W. G. Brady—Door Plate and Bell Alarm.



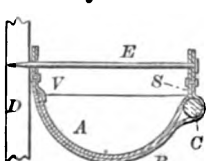
91825—H. Churchman—Boot Blacking Apparatus.



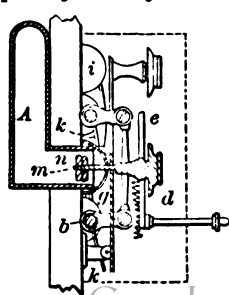
91822—W. H. Brown—Machine Indicator for Cloth Manufacturing, &c.



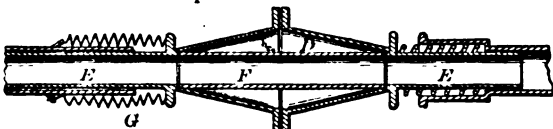
91823—F. M. Buckles—Eaves Trough Attachment.



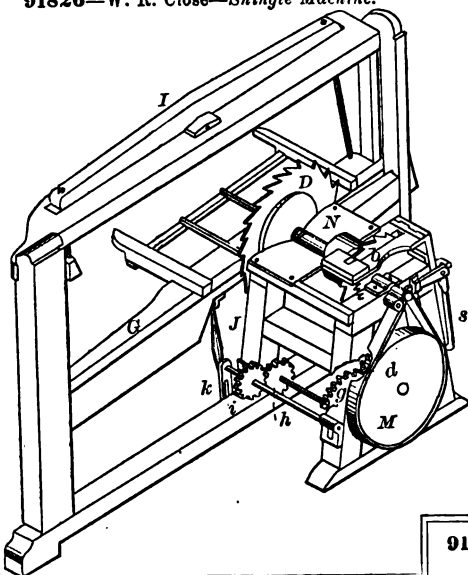
91827—J. R. Creighton—Speaking Tube Signal.



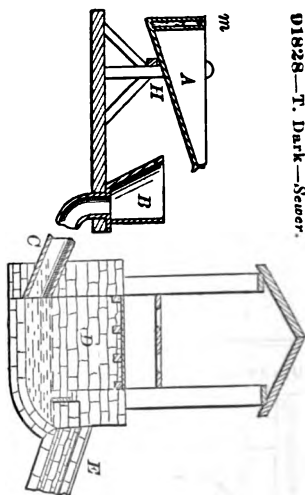
91824—D. C. Chipman—Railroad Car Heater.



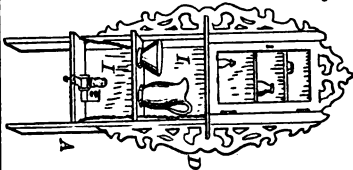
91826—W. R. Close—Shingle Machine.



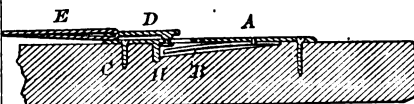
91828—T. Dark—Sawer.



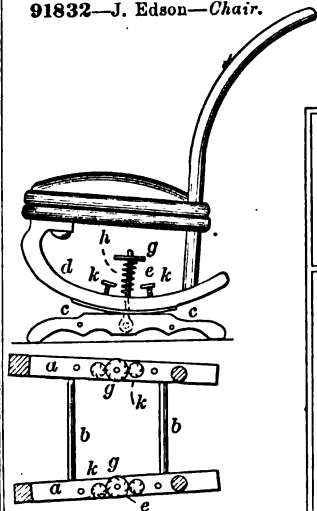
91830—H. W. Eastman—Dressing Case.



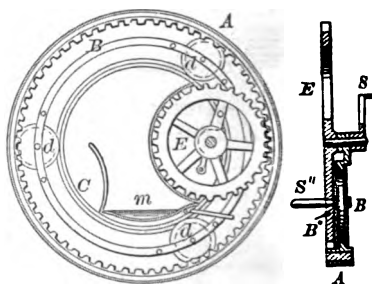
91831—J. B. Eaton—Holdback for Thills.



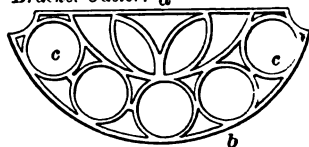
91832—J. Edson—Chair.



91829—J. G. Dillaha—Velocipede.



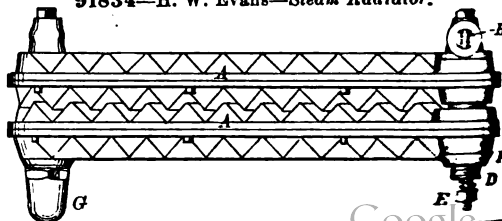
91835—Forbes &amp; Fletcher—Wall or Bracket Caster. a



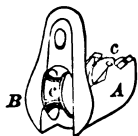
91833—Erpelding &amp; Huttman—Lamp.



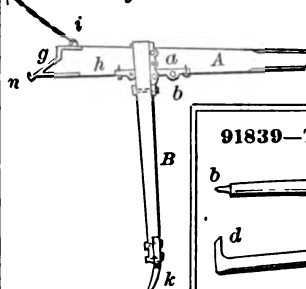
91834—H. W. Evans—Steam Radiator.



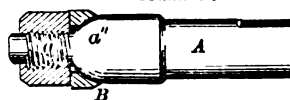
**91836—J. M. Ford—**  
*Window Pulley.*



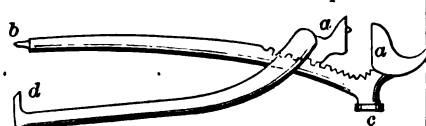
**91837—A. Freeman—**  
*Pushing Jack.*



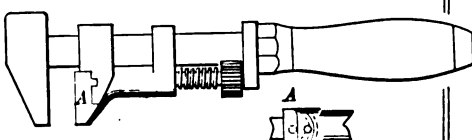
**91841—G. A. Gray, Jr.—Nut**  
*Mandrel.*



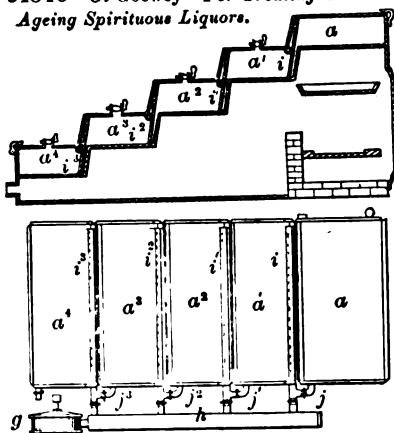
**91839—T. Garrick—Household Implement.**



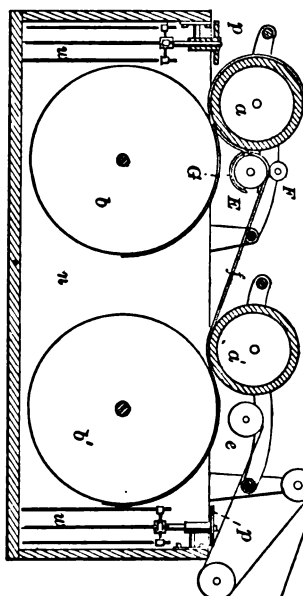
**91838—T. Garrick—Wrench.**



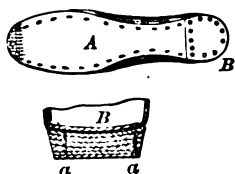
**91840—G. Goewey—For Treating and**  
*Ageing Spirituous Liquors.*



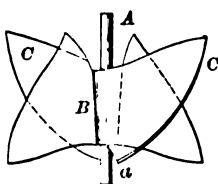
**91842—R. C. Harris—***for Making Paper.*  
Fig. 1



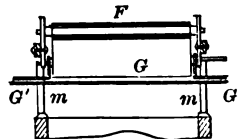
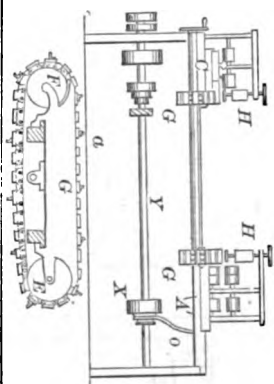
**91844—G. Hawkes—**  
*Boots and Shoes.*



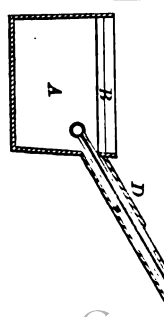
**91845—J. O. Heyworth—**  
*Propeller.*

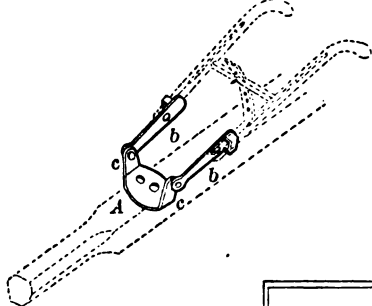
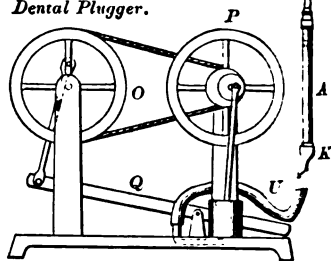
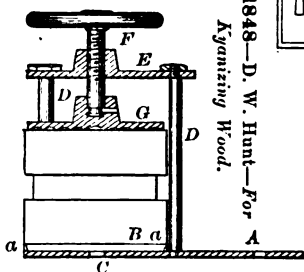
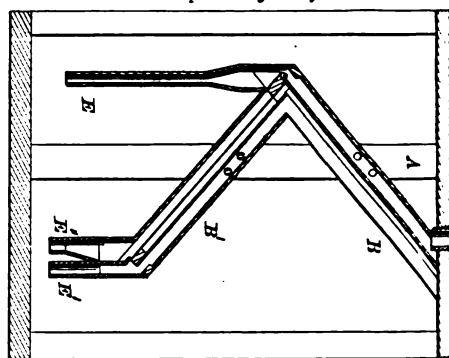
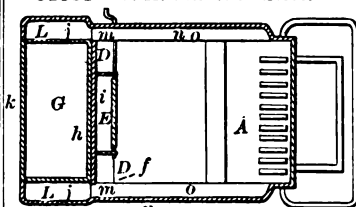
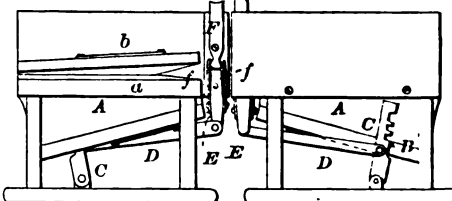
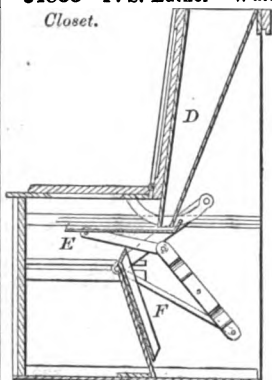
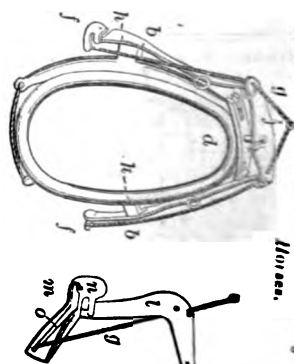
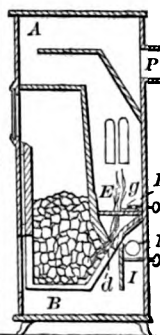


**91846—L. S. Hicks—***Tenoning Machine.*

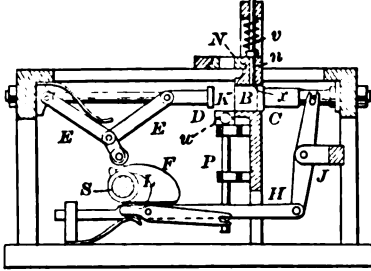


**91843—H. M. Hartshorn—***For*  
*Testing the Inflammability of*  
*Illuminating Oils.*

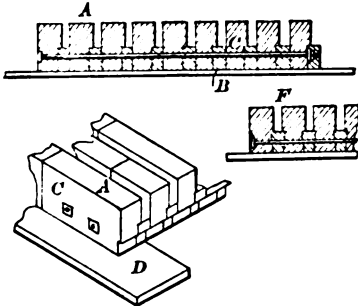


91847—E. S. Huff—*Plow Cultivator.*91849—E. A. Hyde—*Pneumatic Dental Plugger.*91848—D. W. Hunt—*For Kyenizing Wood.*91850—G. A. Jasper—*Sugar Sifter.*91851—W. H. Johnson—*Stove.*91852—S. H. Jones—*Bellows for Reed Organs.*91853—W. P. Kilgore—*Cant Hook.*91855—P. S. Luther—*Water Closet.*91857—O. F. Mayhew—*Stove.*91854—J. L. Kreider—*Horse Flushing Hose.*

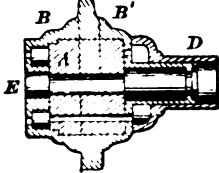
91856—H. Maurer—For Repressing Bricks.



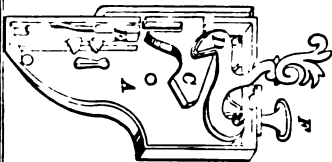
91861—A. Miller—Wood Pavement.



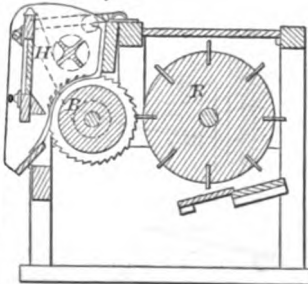
91859—R. W. McClelland—Carriage Wheel.



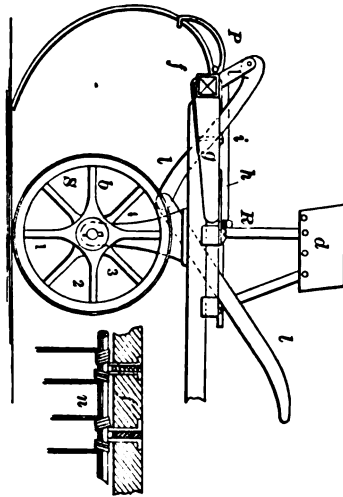
91865—H. G. Pein—Latch and Lock.



91866—W. F. Pratt—For Removing Lint from Cotton Seed.



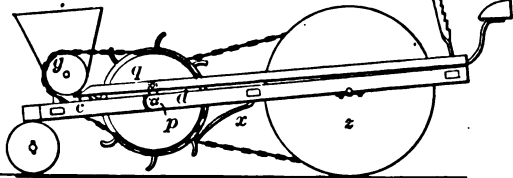
91858—R. W. McClelland—Horse Rake.



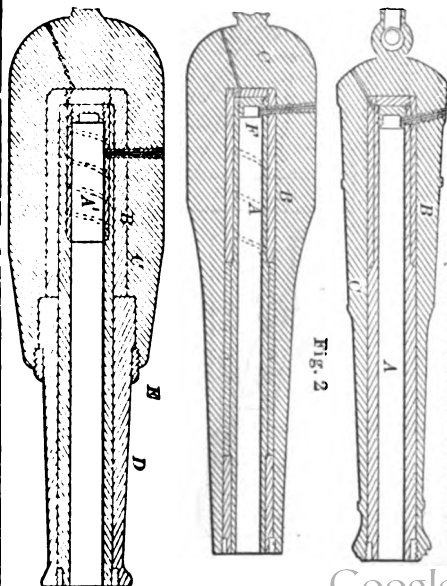
91863—W. Owen—Self-Oiling Car Wheel.

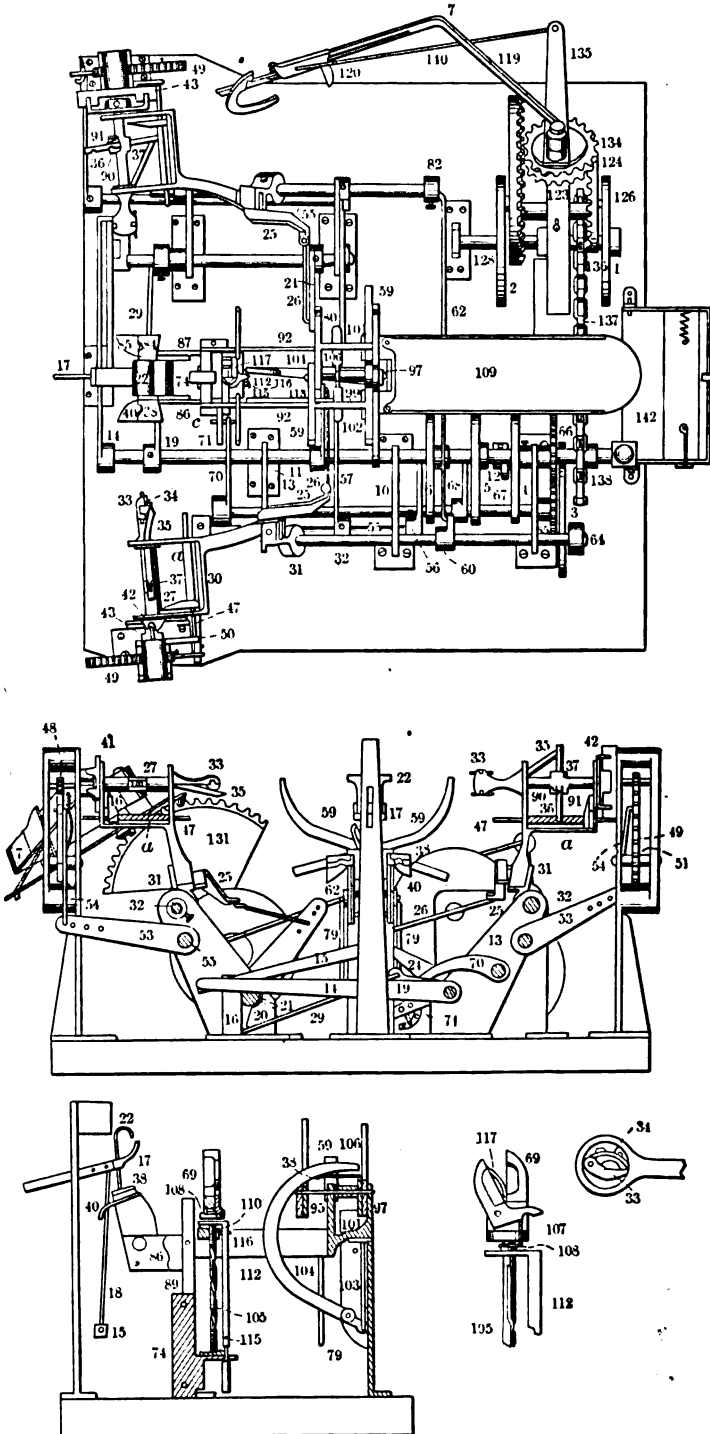


91867—G. H. Reister—Seed Sower.

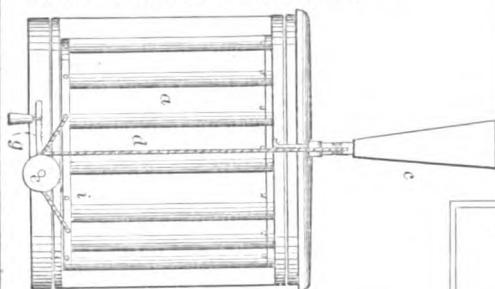


91864—W. Palliser—Ordnance.

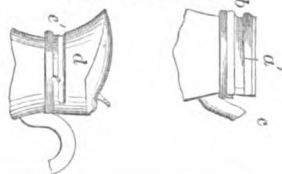


91860—J. M. McMaster—*Grain Binder*.

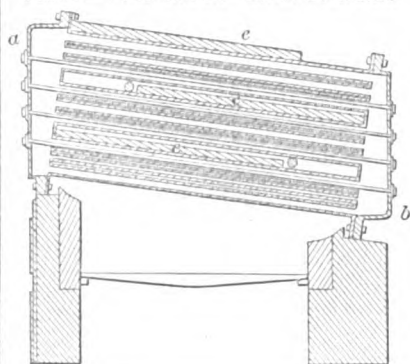
91868—G. H. Reister—Wind Wheel.



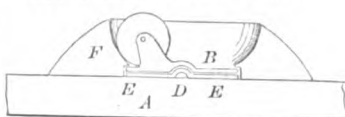
91871—D. C. Ripley—Attaching Covers to Glass Jars.



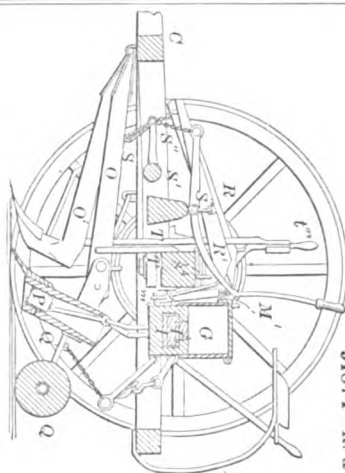
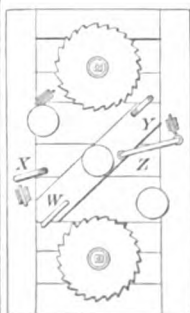
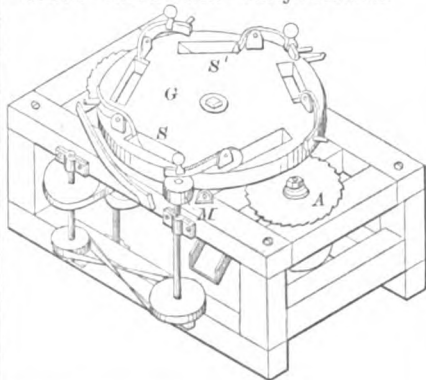
91869—W. K. Rhodes—Steam Generator.



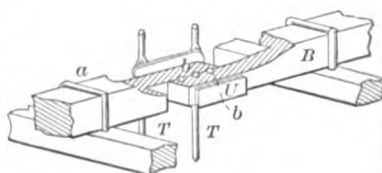
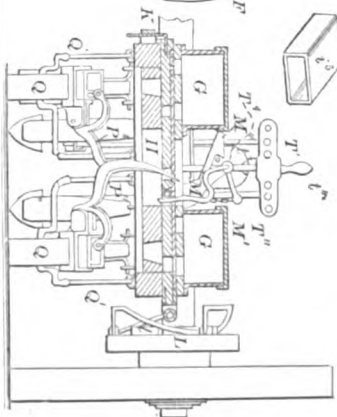
91873—T. L. Rivers—Caster.



91872—Ritz & Carter—Shingle Machine.

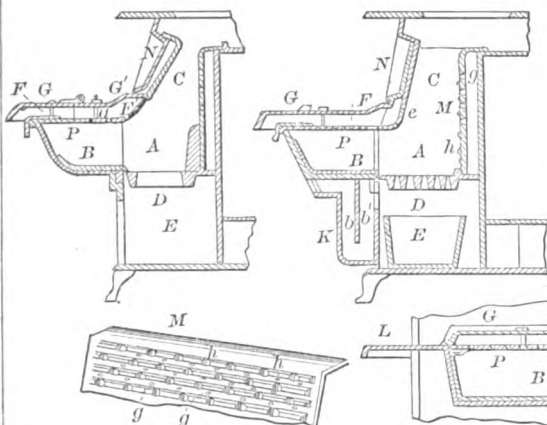


91874—R. & A. S. Robins—Sulky Corn Planter and Planter.

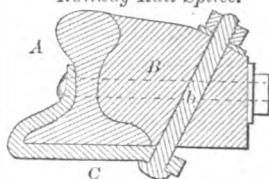




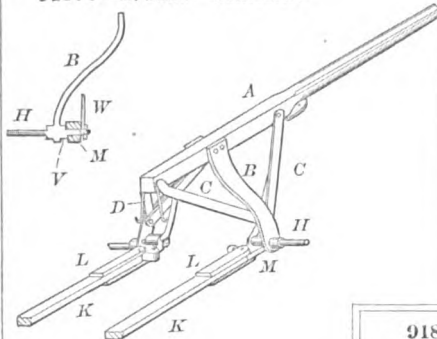
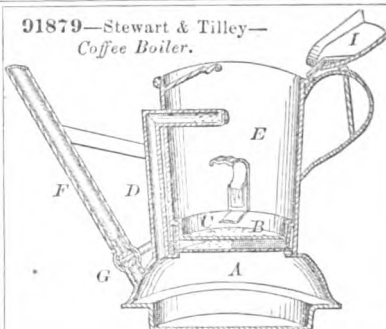
91875—J. J. Savage—Cooking Stove.



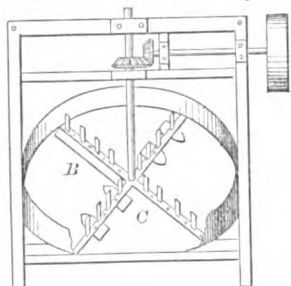
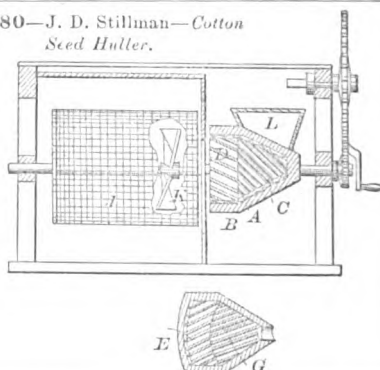
991877—

W. S. & E. H. Shoemaker—  
*Railway Rail Splice.*

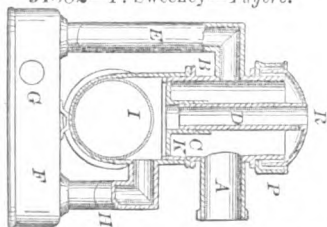
91876—A. Shaw—Cultivator.

91879—Stewart & Tilley—  
*Coffee Boiler.*

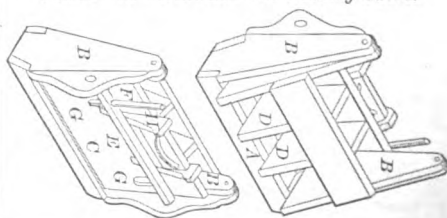
91878—G. Stevens—Amalgamator.

91880—J. D. Stillman—Cotton  
*Seed Huller.*

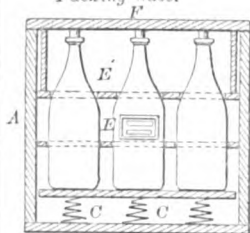
91882—P. Sweeney—Tuyere.



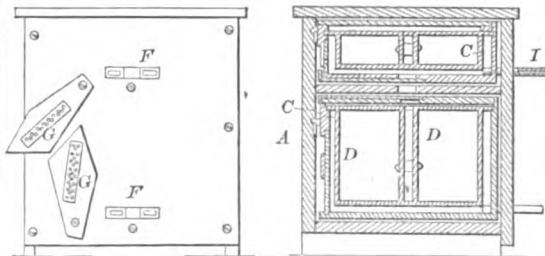
91881—N. Stockwell—For Feeding Swine.



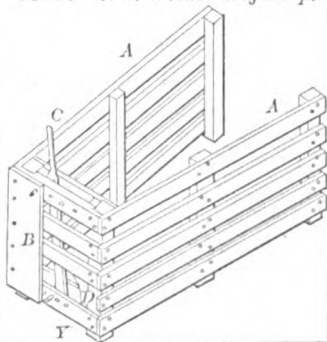
91884—W. Thompson—  
Packing Case.



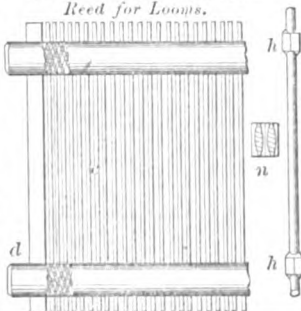
91885—D. G. Watt—Beehive.



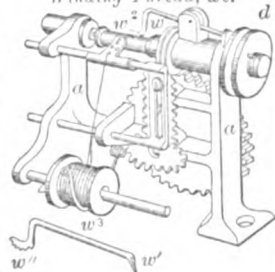
91887—C. B. Weeks—Hog Trap.



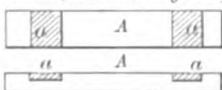
91888—E. F. Whitecomb—  
Reed for Looms.



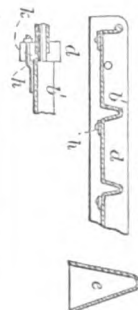
91891—Willis & Rice—For  
Winding Thread, &c.



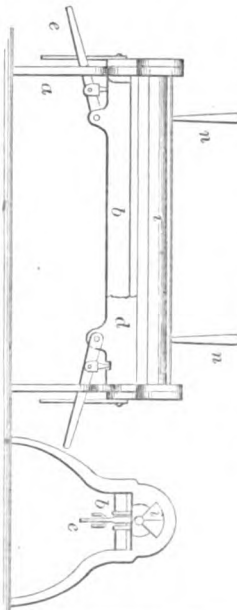
91893—Woodsum &  
Whitman—Railway Sleeper.



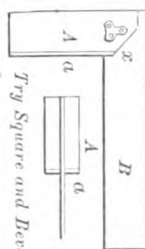
91890—J. B. Williams—  
Eccentric Fan.



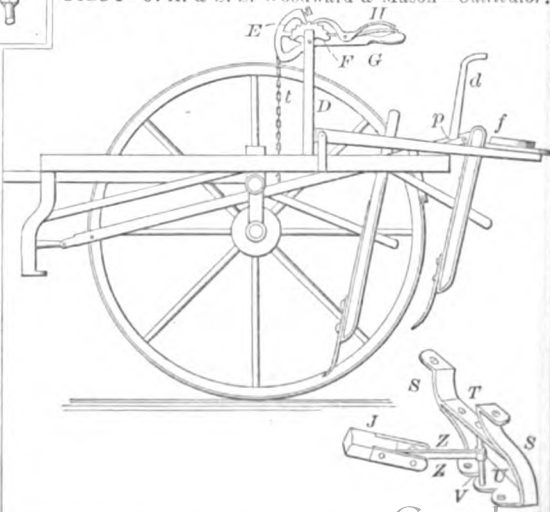
91889—J. B. Williams—Metal Corrugating Machine.

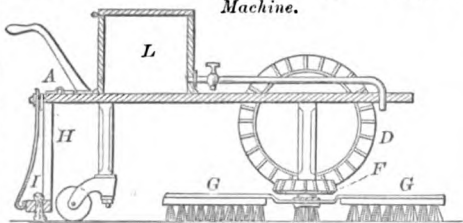
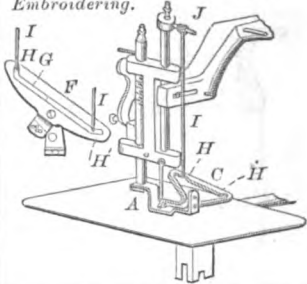
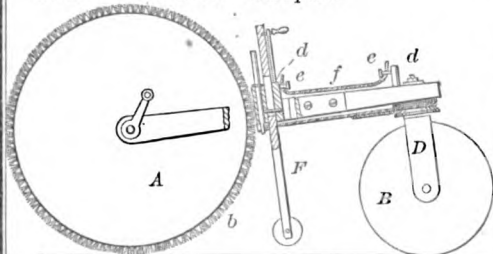
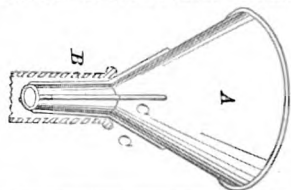
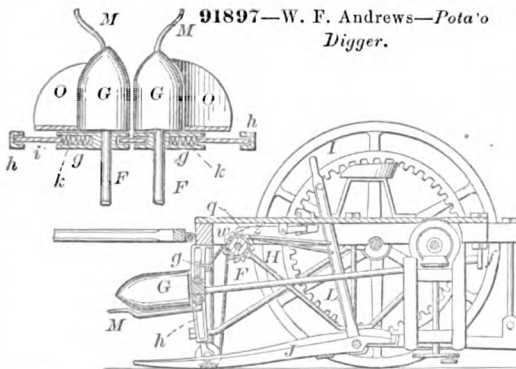
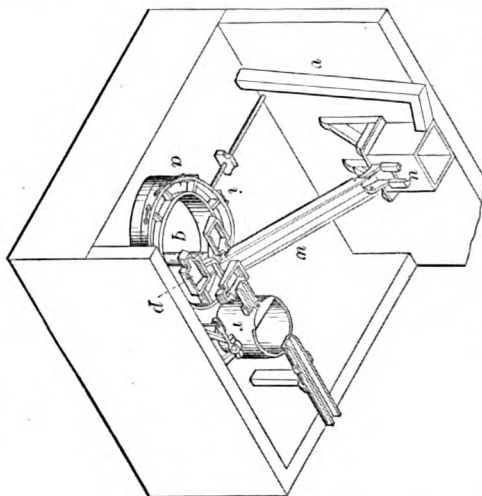
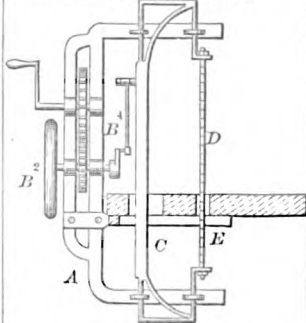
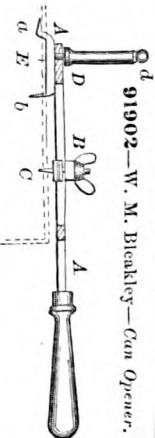
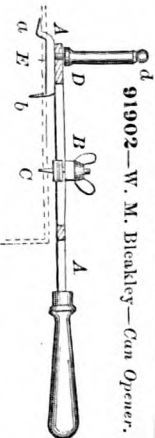


91892—C. Winterbottom—  
Try Square and Bevel.

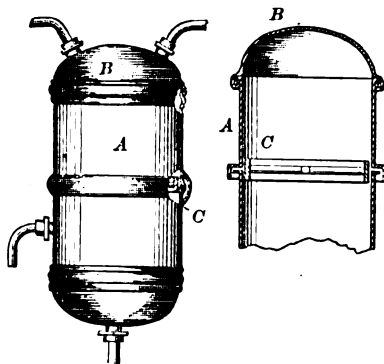


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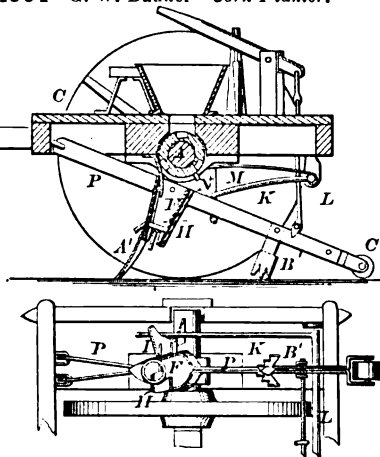


**91895**—Zierath & Smith—*Scrubbing and Mopping Machine.***91898**—W. B. Bartram—*For Embroidering.***91896**—A. M. Allen—*Velocipede.***91899**—J. J. Beaumont—*Funnel.***91897**—W. F. Andrews—*Pota'o Digger.***91900**—J. M. Blackstock—*Scroll Sawing Machine.***91901**—T. S. Blair—*For Pig Blows.***91902**—W. M. Blenkley—*Can Opener.*

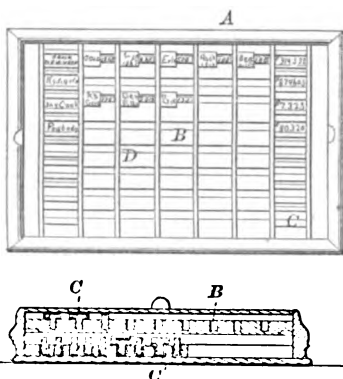
**91903**—A. C. Brownell—*Sheet Metal Boiler.*



**91904**—G. W. Bunker—*Corn Planter.*



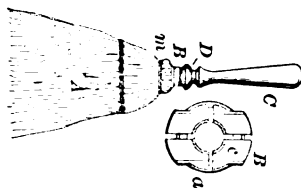
**91905**—C. Brunswiler—*Commercial Account Indicator.*



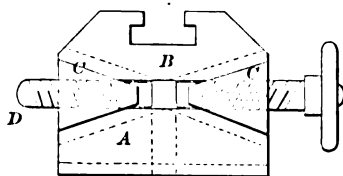
**91906**—L. L. Burdon—*Button.*



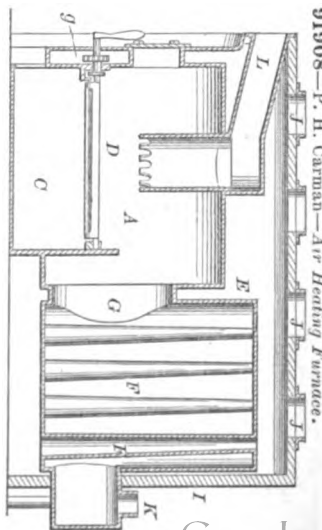
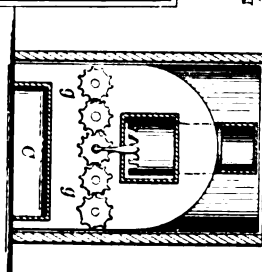
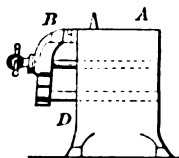
**91907**—M. Burnett—*Broom.*



**91910**—C. S. Clark—*Lathe.*



**91909**—  
D. R. Chandler—*Anvil and Vise.*



**91908**—P. H. Carman—*Air Heating Furnace.*





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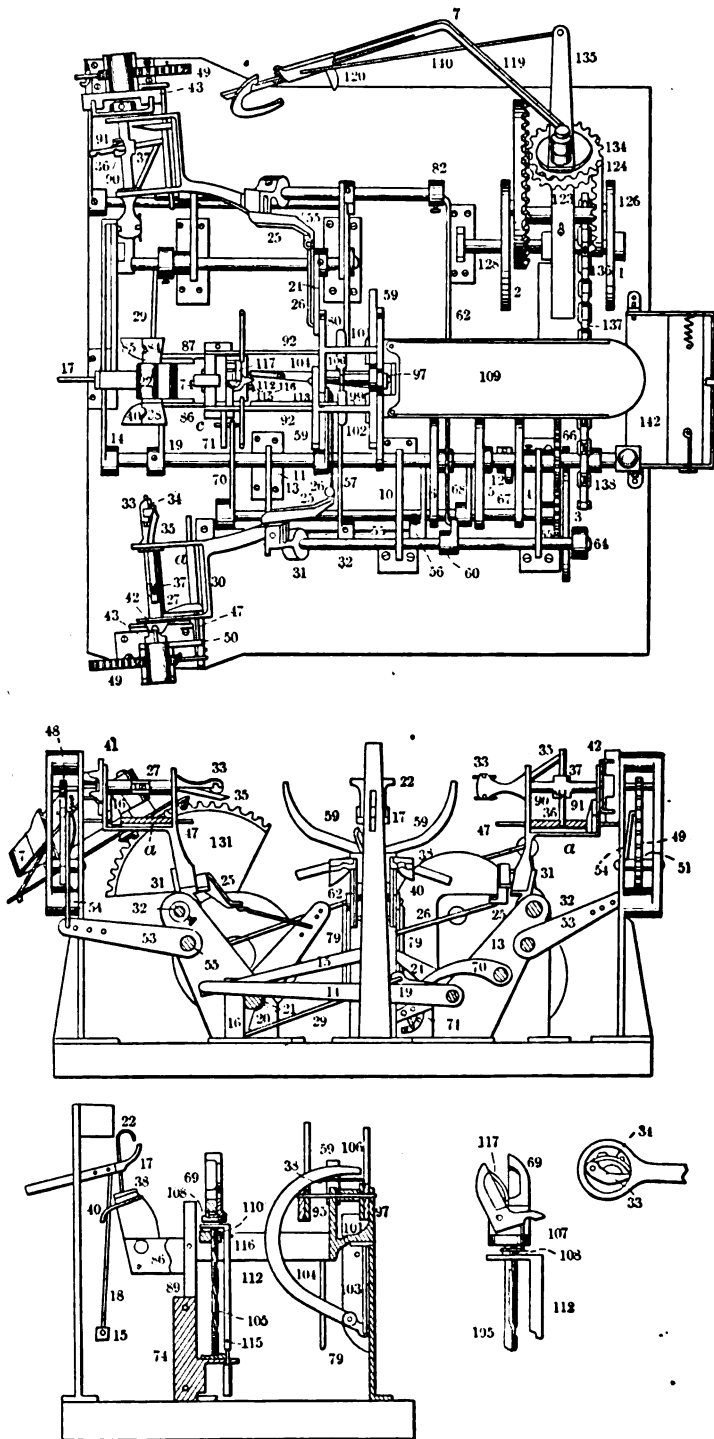
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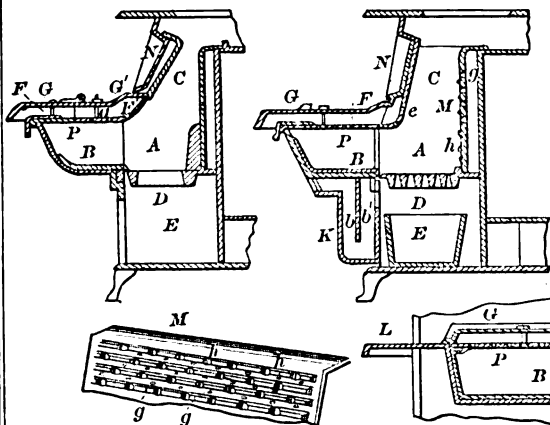
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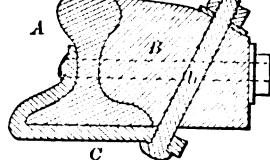
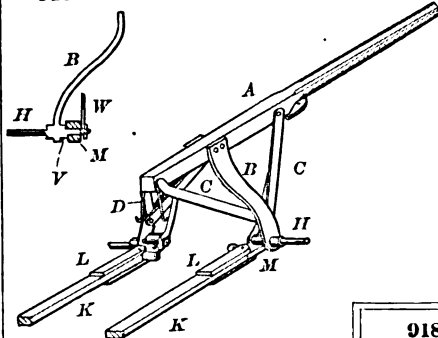
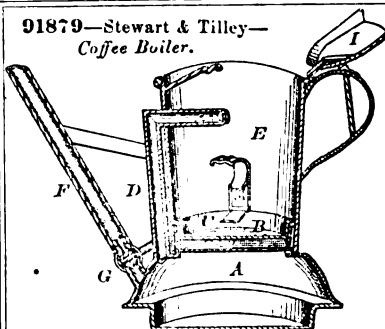
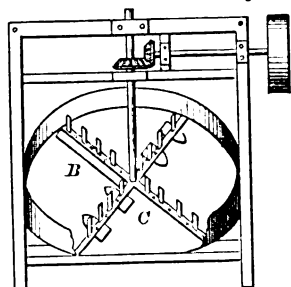
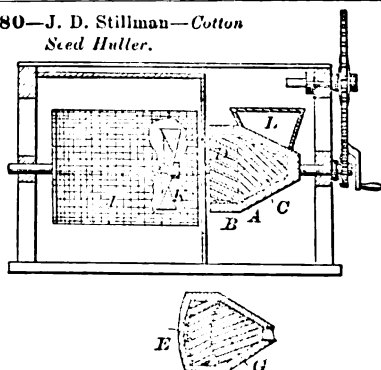
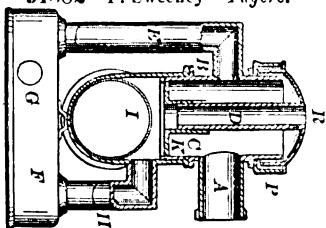
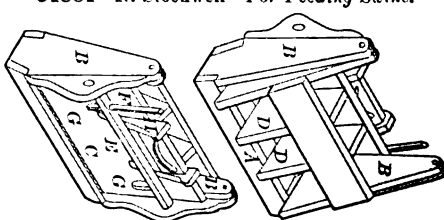
## 91860—J. M. McMaster—Grain Binder.



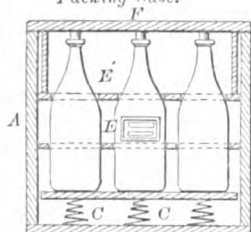


**91875—J. J. Savage—Cooking Stove.****991877—**

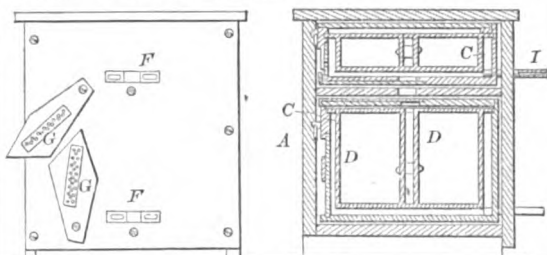
W. S. & E. H. Shoemaker—  
*Railway Rail Splice.*

**91876—A. Shaw—Cultivator.****91879—Stewart & Tilley—  
Coffee Boiler.****91878—G. Stevens—Amalgamator.****91880—J. D. Stillman—Cotton  
Seed Huller.****91882—P. Sweeney—Tuyere.****91881—N. Stockwell—For Feeding Swine.**

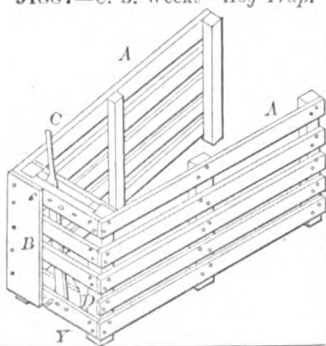
91884—W. Thompson—  
Packing Case.



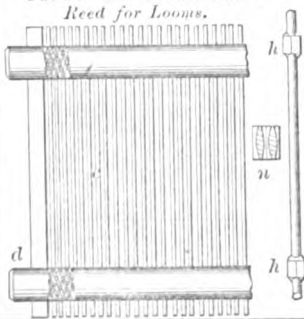
91885—D. G. Watt—Beehive.



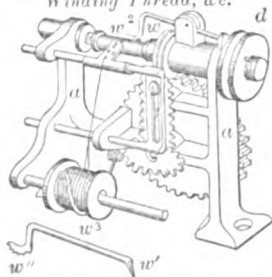
91887—C. B. Weeks—Hoy Trap.



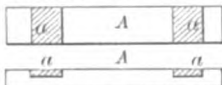
91888—B. F. Whitecomb—  
Reed for Looms.



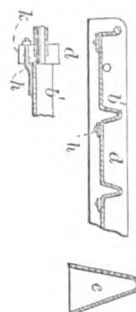
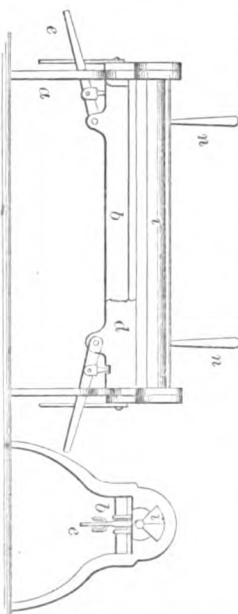
91891—Willis & Rice—For  
Winding Thread, &c.



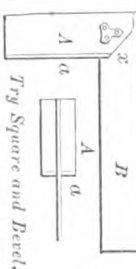
91893—Woodsum &  
Whitmun—Railway Sleeper.



91889—J. B. Williams—Metal  
Corrugating Machine.

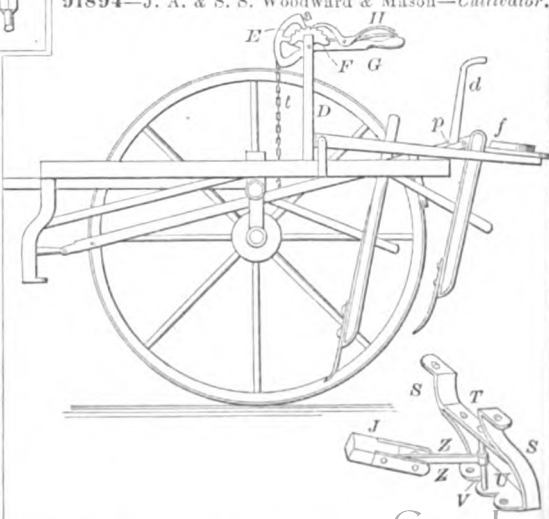


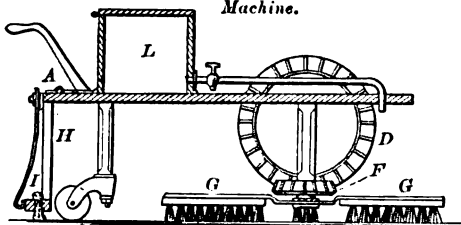
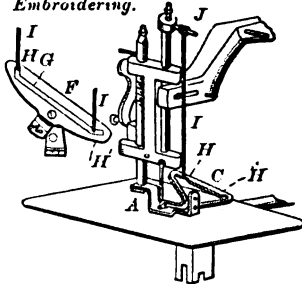
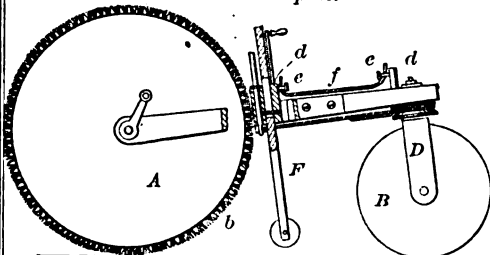
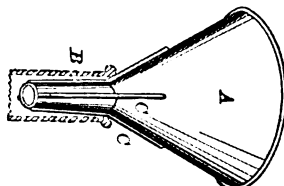
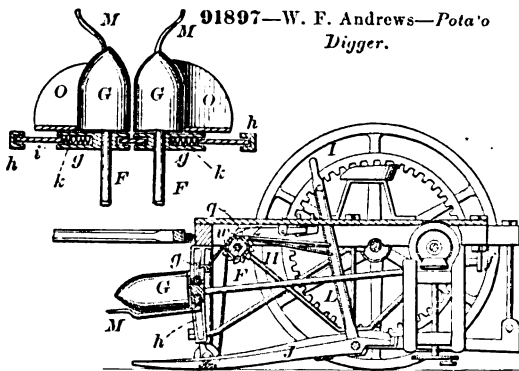
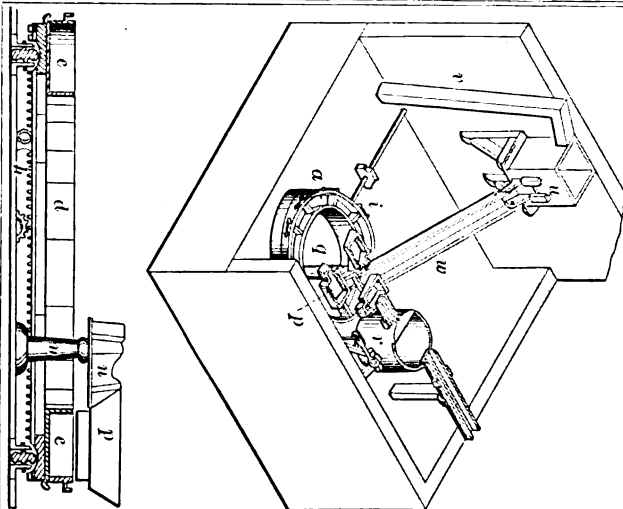
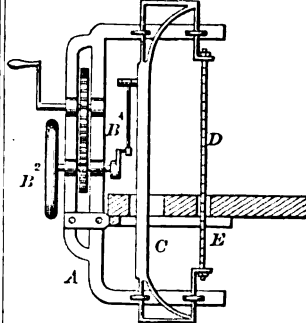
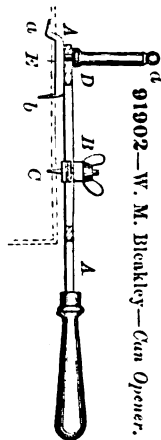
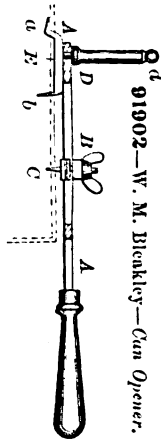
91890—J. B. Williams—  
Eccentric Fan.



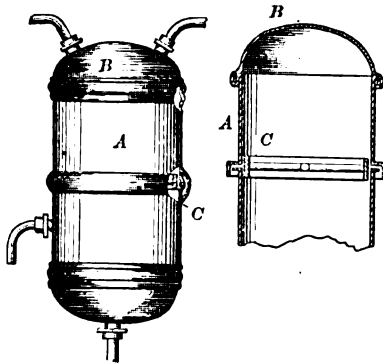
91892—C. Winterbottom—  
Try Square and Bevel.

91894—J. A. & S. S. Woodward & Mason—Cultivator.

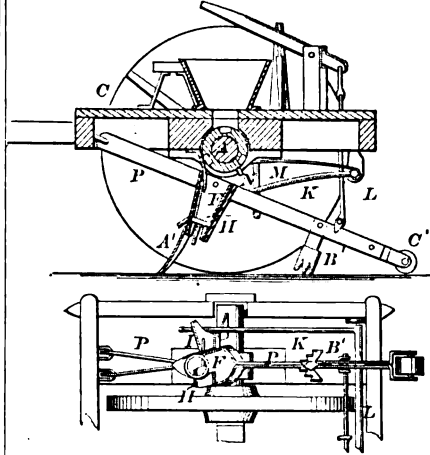


**91895—Zierath & Smith—Scrubbing and Mopping Machine.****91898—W. B. Bartram—For Embroidering.****91896—A. M. Allen—Velocipede.****91899—J. J. Beaumont—Funnel.****91897—W. F. Andrews—Pota'o Digger.****91900—J. M. Blackstock—Scroll Sawing Machine.****91901—T. S. Blair—For Pig Blows.****91902—W. M. Wrenkley—Can Opener.**

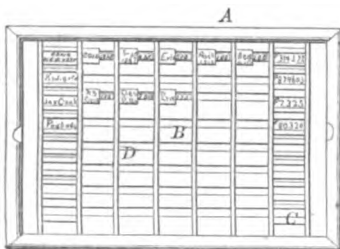
**91903**—A. C. Brownell—*Sheet Metal Boiler.*



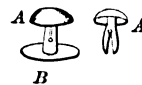
**91904**—G. W. Bunker—*Corn Planter.*



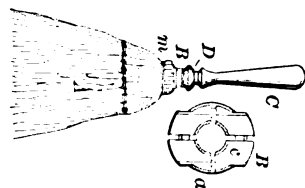
**91905**—C. Brunswiler—*Commercial Account Indicator.*



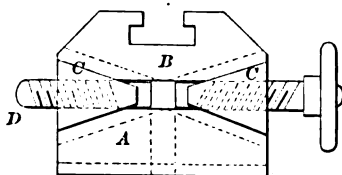
**91906**—L. L. Burdon—*Button.*



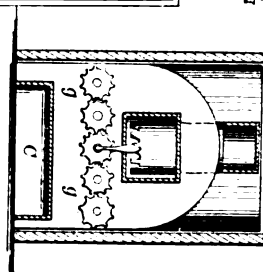
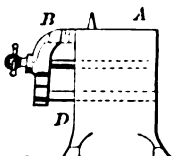
**91907**—M. Burnett—*Broom.*



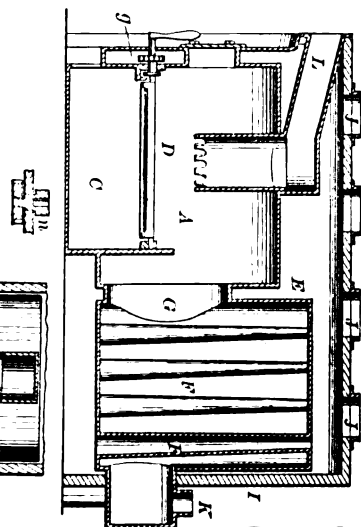
**91910**—C. S. Clark—*Lathe.*



**91909**—  
D. R. Chandler—*Anvil and Vise.*



**91908**—P. H. Carman—*Air Heating Furnace.*









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